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Air Quality Data
1970 Annual Statistics

Environmental Protection Agency, Research Triangle Park, N C

October 1976

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AIR QUALITY DATA - 1970 ANNUAL STATISTICS

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Air Quality Planning and Standards
Research Triangle Park, N.C. 27711

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16. ABSTRACT

This report is a statistical summary report on ambient air quality. The air quality statistics shown in this publication are produced directly from computer reports generated by EPA's on-line computer system. The data in this publication are being republished in the new revised format currently being used. Some of the data in this publication have been revised as a result of a recent effort to improve the quality of the past data.

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AIR QUALITY DATA -
1970 ANNUAL STATISTICS

Monitoring and Data Analysis Division
National Air Data Branch

ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

October 1976

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Publication No. EPA-450/2-76-019

AIR QUALITY DATA - 1970 ANNUAL STATISTICS

INTRODUCTION

In accordance with requirements of the Clean Air Act and EPA Regulations for State Implementation Plans (SIP's),[1] ambient air quality data resulting from air monitoring operations of State, local, and Federal networks must be reported each calendar quarter to the Environmental Protection Agency. The EPA Storage and Retrieval of Aerometric Data (SAROAD) format[2] is the established medium for transmittal of air data to EPA Regional Offices within 45 days after each quarterly reporting period. EPA Regional Offices must, within an additional 30 days, forward data they have received to the EPA Aerometric and Emissions Reporting System (AEROS) of which the SAROAD system is an operational part. AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division of the Office of Air Quality Planning and Standards. Summaries of these data are provided to interested parties upon request.

In a continuing effort to provide these data to participating agencies as well as to the public, EPA periodically publishes a summary of all data submitted. It is this Agency's desire that participating agencies take this opportunity to check these data to ensure that: (1) the data are correct and (2) the data accurately reflect the ambient air quality within each Air Quality Control Region (AQCR).

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1. Federal Register, Vol. 38, No. 149, Friday, August 3, 1973, pp. 20834 and 20835.
2. OAQPS Guideline 1.2-039, Volume II: "AEROS Users Manual."

The air quality statistics shown in this publication are produced directly from computer reports generated by EPA's on-line computer system. The data in this publication are being republished in the new revised format currently being used. Some of the data in this publication have been revised as a result of a recent effort to improve the quality of the past data. The most recent up-to-date SAROAD reports are available upon request from the National Air Data Branch or the appropriate EPA Regional Office. These locations are shown in the following table.

LIST OF REGIONAL OFFICES

Regional Location	Commercial Telephone	FTS Telephone
EPA Region I 240 Highland Avenue Needham Heights, MA 02194	617-223-7266	223-7266
EPA Region II 26 Federal Plaza New York, NY 10007	212-264-2518	264-2518
EPA Region III 6th & Walnut Streets Philadelphia, PA 19106	215-597-8046	597-8046
EPA Region IV 1421 Peachtree St., N.E. Atlanta, GA 30309	404-526-2864	285-2864
EPA Region V 230 S. Dearborn Chicago, IL 60604	312-353-1447	353-1447
EPA Region VI 1600 Patterson St. Dallas, TX 75201	214-749-1176	749-1176
EPA Region VII 1735 Baltimore Ave. Kansas City, MO 64108	816-374-3791	758-3791
EPA Region VIII 1860 Lincoln St. Denver, CO 80203	303-837-4261	327-4261

EPA Region IX 100 California St. San Francisco, CA 94111	415-556-2270	556-2270
EPA Region X 1200 6th Avenue (M/S 413) Seattle, WA 98101	206-442-1580	399-1580
National Air Data Branch Chief, Requests & Information Section Research Triangle Park, North Carolina 27711	919-688-8146	629-5395

Data for reporting sites using analytical methods determined to be not acceptable for purposes of data analysis are not included in this report. In the future NADB edit programs will reject any new data submittals indicating a "not acceptable"[3] analytical method. All existing "not acceptable" data will be removed from the files and stored in SAROAD format. This "not acceptable" data will no longer be included in data retrieval files.

ORGANIZATION AND FORMAT

These data represent all acceptable ambient air quality data sampled for pollutants that currently have National Ambient Air Quality Standards. These pollutants, along with their corresponding sampling intervals and National Primary and Secondary Standards, are as given on the following page.

3. OAQPS Guideline 1.2-018, "Designation of Criteria Pollutant Analytical Methods as Acceptable/Not Acceptable for Purposes of Data Analysis," May 1974.

SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS[a]

Pollutant	Averaging time	Primary standards	Secondary standards	Comments
Particulate matter	Annual (Geometric mean)	75 $\mu g/m^3$	60 $\mu g/m^3$	The secondary annual standard (60 $\mu g/m^3$) is a guide for assessing State Implementation Plans to achieve the 24-hour secondary standard.
	24 hour[b]	260 $\mu g/m^3$	150 $\mu g/m^3$	
Sulfur oxides	Annual (Arithmetic mean)	80 $\mu g/m^3$ (0.03 ppm)	-	
	24-hour[b]	365 $\mu g/m^3$ (0.14 ppm)	-	
	3-hour[b]	-	1300 $\mu g/m^3$ (0.5 ppm)	
Carbon monoxide	8-hour[b]	10 mg/m^3 (9 ppm)		
	1-hour[b]	40 mg/m^3 (35 ppm)	(Same as primary)	
Nitrogen dioxide	Annual (Arithmetic mean)	100 $\mu g/m^3$ (0.05 ppm)	(Same as primary)	Chemiluminescence has been proposed as a replacement for the J-H method. New FRM* will be forthcoming in the near future.
Photochemical oxidants	1-hour[b]	160 $\mu g/m^3$ (0.08 ppm)	(Same as primary)	The FRM* measures O_3 (ozone).

Hydrocarbons (nonmethane)	3-hour (6 to 9 a.m.)	160 $\mu g/m^3$ (0.24 ppm)	(Same as primary)	The HC standard is a guide to devising State Implementation Plans to achieve the oxidant standard. The HC standard does not have to be met if the oxidant standard is met.

[a]The air quality standards and a description of the Federal Reference Methods *(FRM) were published on April 30, 1971 in 42 CRF 410, recodified to 40 CRF 50 on November 25, 1972.

[b]Not to be exceeded more than once per year.

Each section of this publication addresses one of the six pollutants* listed in the preceding summary and shows each acceptable collection and analysis technique represented in AEROS. When submitted, both continuous and non-continuous sampling intervals are given. For uniformity, all summaries are shown in micrograms per cubic meter ($\mu g/m^3$) except carbon monoxide, which is given in milligrams per cubic meter (mg/m^3). Note that the pages are printed so that individual sections (pollutant-method combinations) may be removed and inserted in a loose-leaf notebook if desired.

The format employed in this publication provides both parametric and non-parametric indices of air quality. The number of observations, the minimum and maximum value measured for the period of record, and the odd deciles plus the 95th and 99th percentiles describe the distribution of observed values. The arithmetic and geometric means and standard deviations provide some measure of central tendency and dispersion.

Each summary line is preceded by the Air Quality Control Region within which the sampling site is located,[4] the city or county (parish, election district, or regional planning district), the three-digit site number within the city or county, and an Agency Type Code that indicates the type of agency responsible for the laboratory analysis. A Project Code is shown with the Agency Type Code to indicate the type of surveillance being conducted. Some principal Agency-Project Codes are:

*Ozone included.

4. Directory of Air Quality Monitoring Sites 1972, EPA-450/2-73-006. Environmental Protection Agency, Office of Air and Water Programs, Office of Air Quality Planning and Standards, Research Triangle Park, N. C. 27711. September 1973.

SAROAD AGENCY TYPES

A	EPA Headquarters group responsible for atmospheric surveillance
B	EPA Headquarters group responsible for meteorological activity
C	EPA Headquarters group responsible for effects research
D	EPA Headquarters group responsible for atmospheric research
E	EPA Headquarters group responsible for abatement activity
F	State agency
G	County agency
H	City agency
I	District agency
J	Private
K	Institution (university, college, etc.)
L	Military
M	International agency
N	Other Federal nonmilitary agencies
P	EPA Regional Office group responsible for atmospheric surveillance
Q	World Meteorological Organization
R	World Health Organization
S-Y	Open for future expansion
Z	Other

SAROAD PROJECT CLASSIFICATIONS

01	Population-oriented surveillance
02	Source-oriented ambient surveillance
03	Background surveillance
04	Complaint investigation
05	Special studies
06	Episode monitoring
08	Global surveillance
09	Duplicate sampling
10	Continuous Air Monitoring Program
11-99	For Federal network and future expansion

SUMMARY CRITERIA

Ambient air quality observations which are reported to EPA must satisfy minimum summary criteria--the basis of which is sampling interval (e.g., continuous, non-continuous) and period of coverage (e.g., quarterly, annually). The arithmetic mean, geometric mean, airthmetic standard deviation, and geometric standard deviation are calculated and summarized in this report for data having met these criteria. Reports are available from the National Air Data Branch or the appropriate EPA Regional Office which give the means and standard deviations even though the minimum summary criteria are not satisfied.

Criteria for continuous observations with sampling intervals of less than 24 hours are as follows:

Data representing quarterly periods must reflect a minimum of 75 percent of the total number of possible observations for the applicable quarter.

Data representing annual periods must reflect a minimum of 75 percent of the total number of possible observations for the applicable year.

Criteria for non-continuous observations with sampling intervals of 24 hours or greater are as follows:

Data representing quarterly periods must reflect a minimum of five observations for the applicable quarter. Should there be no measurements in one of the three months of the quarter, each remaining month must have no less than two observations reported for the applicable period.

Data representing annual periods must reflect four quarters of observation that have satisfied the quarterly criteria.

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
ALABAMA																
002 Montgomery	001	A01	25	33.	39.	56.	82.	109.	146.	154.	256.	256.	91.	50.09	79.98	1.69
003 Gadsden	001	A01	23	29.	34.	52.	74.	96.	141.	142.	194.	194.	80.	41.43	70.88	1.68
004 Bessemer	001	G01	23	74.	78.	92.	147.	186.	222.	228.	242.	242.				
004 Birmingham	003	A01	22	76.	96.	131.	145.	184.	237.	271.	629.	629.				
	005	G02	23	128.	140.	182.	254.	341.	471.	511.	572.	572.				
	009	G01	106	50.	86.	132.	171.	212.	369.	417.	512.	582.				
	010	G01	25	54.	68.	95.	120.	142.	177.	214.	511.	511.				
	011	G01	23	45.	53.	89.	115.	173.	211.	222.	243.	243.				
004 Mountain Brook	001	G01	6	34.	34.	42.	50.	53.	68.	68.	68.	68.				
005 Mobile	001	A01	23	52.	55.	77.	113.	120.	176.	207.	208.	208.				
005 Mountain Brook	001	G03	18	20.	29.	42.	57.	71.	105.	116.	116.	116.				
007 Huntsville	001	A01	26	26.	29.	53.	59.	87.	100.	101	117.	117.	66.	25.74	61.14	1.54
	002	H01	17	17.	17.	30.	37.	42.	52	83.	83.	83.				
	003	H01	171	13.	33.	51.	66.	79.	101.	116.	15?	359.				
	004	H01	17	15.	19.	31.	38.	49.	81.	87.	87.	87.				
ALASKA																
008 Anchorage	003	A01	24	13.	28.	56.	69.	95.	162.	167.	258.	258.	88.	57.47	71.61	2.00
009 Fairbanks	001	A01	21	70.	75.	103.	153.	190.	339.	355.	511.	511.				
ARIZONA																
014 Grand Canyon Nat Park	001	A03	25	6.	6.	10.	25.	36.	51.	54.	64.	64	27.	17.00	20.85	2.19
015 Maricopa Co	001	A01	26	18.	29.	49.	64.	76.	91.	102.	111.	111.	63.	22.88	58 39	1.54
015 Phoenix	002	A01	24	72.	84.	99.	117.	146.	179.	215.	225.	225.				
015 Tucson	001	A01	26	54.	61.	76.	92.	114.	159.	198.	229.	229.	104.	43.72	96.45	1.46
ARKANSAS																
016 Arkadelphia	001	F01	4	22.	22.	35.	35.	40.	53.	53.	53.	53.				
016 Little Rock	001	A01	24	26.	34.	48.	66.	83.	106.	129.	166.	166.	71.	33.60	64.37	1.60
	002	F01	4	38.	38.	72.	72.	89.	95.	95.	95.	95.				
016 Pine Bluff	005	F01	4	36.	36.	44.	44.	57.	93.	93.	93.	93.				
016 Russellville	001	F01	4	47.	47.	88.	88.	158.	214.	214.	214.	214.				
017 Fayetteville	002	F01	2	57.	57.	57.	57.	79.	79.	79.	79.	79.				
017 Fort Smith	001	F01	4	90.	90.	109.	109.	110.	161.	161.	161.	161				
018 West Memphis	001	A01	24	33.	41.	69.	92.	104.	132.	147.	155.	155.	88.	33.38	81.50	1.53
019 Camden	001	F01	5	22.	22.	30.	36.	58.	78.	78.	78.	78.				
019 Crossett	001	F01	4	66.	66.	83.	83.	152.	549.	549.	549.	549.				
019 El Dorado	001	F01	2	50.	50.	50.	50.	53.	53.	53.	53.	53.				
020 Blytheville	001	F01	6	28.	28.	38.	60.	69.	75.	75.	75.	75.				
020 Stuttgart	001	F01	4	71.	71.	123.	123.	151.	357.	357.	357.	357.				
021 Montgomery Co	001	A03	22	8.	12.	24.	31.	35.	40.	43.	57.	57.	29.	11.80	26.16	1.64
022 Texarkana	001	A01	20	36.	39.	52.	77.	87.	108.	122.	134.	134.				
CALIFORNIA																
024 Anaheim	001	A01	26	61.	84.	99.	114.	139.	147.	152.	224.	224.	118.	32.30	113.93	1.30
	001	I01	88	23.	65.	79.	95.	116.	167.	205.	357.	357.	107.	53.94	97.24	1.55
024 Burbank	002	A01	25	45.	69.	104.	130.	159.	182.	249.	398.	398.	136.	71.09	122.65	1.60
024 Glendale	001	A01	26	50.	58.	71.	88.	111.	126.	127.	127.	127.	90.	24.21	87.02	1.32
024 Long Beach	001	A01	26	27.	56.	86.	102.	120.	148.	177.	187.	187.	102.	37.09	94.71	1.52
024 Los Angeles	001	A01	25	47.	80.	110.	133.	147.	187.	200.	203.	203.	132.	38.90	125.27	1.40
024 Ontario	001	A01	25	33.	54.	86.	127.	166.	227.	268.	271.	271.	133.	67.19	115.60	1.75
024 Pasadena	002	A01	23	60.	78.	86.	103.	113.	216.	352.	399.	399.	127.	85.25	110.94	1.61
024 Riverside	001	A01	25	44.	53.	84.	99.	184.	267.	281.	350	350.	140.	82.37	118.78	1.80
	003	F01	40	31.	34.	86.	123.	166.	219.	244.	316.	316.				
024 San Bernardino	001	A01	22	50.	58.	75.	108.	146.	314.	319.	330.	330.	142.	92.47	118.00	1.85
024 Santa Ana	001	A01	26	64.	79.	102.	123.	161.	202.	214.	321.	321.	136.	55.32	127.06	1.46
024 Santa Barbara	002	F01	19	17.	33.	49.	60.	71.	78.	78.	78.	78.				
024 Torrance	001	A01	26	38.	48.	71.	84.	103.	138.	181.	257.	257.	94.	46.17	85.98	1.54
025 Monterey	001	I01	26	14.	20.	29.	35.	45.	75.	77.	85.	85.	39.	17.58	35.63	1.53
025 Monterey Co	001	I01	26	15.	26.	46.	70.	98.	123.	128.	134.	134.	71.	36.04	61.10	1.84
025 Salinas	001	I01	23	23	39.	57.	69.	96.	106.	108.	141.	141.	73.	28.49	67.25	1.52
025 Santa Cruz Co	001	I01	22	25.	26.	36.	52.	56.	63.	73.	131.	131.	51	22.93	46.70	1.51

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
CALIFORNIA — Cont.																
026 Eureka	002	F01	50	11.	25.	38.	48.	72.	102.	123.	214.	214.	60.	36.39	50.82	1.82
026 Humboldt Co	001	A03	23	17.	24.	29.	39.	49.	65.	66.	73.	73.	41.	15.45	38.05	1.48
028 Chico	001	F01	18	12.	13.	24.	49.	65.	117.	154.	154.	154.				
028 Redding	002	F01	21	18.	23.	36.	40.	51.	72.	76.	125.	125.				
028 Sacramento	001	A01	26	19.	30.	45.	62.	72.	91.	96.	399.	399.	71.	70.21	57.30	1.78
029 El Cajon	001	C05	27	32.	52.	74.	84.	95.	155.	168.	233.	233.	94.	43.13	85.79	1.53
	001	I01	27	32.	52.	74.	84.	94.	155.	168.	233.	233.	94.	43.16	85.63	1.53
029 San Diego	001	A01	24	39.	45.	59.	67.	81.	129.	152.	252.	252.	82.	46.17	73.33	1.56
	001	G01	27	35.	47.	78.	85.	100.	157.	176.	215.	215.	95.	41.90	87.07	1.53
030 Berkeley	001	A01	24	37.	40.	55.	59.	73.	91.	106.	130.	130.				
030 Fairfield	002	I01	22	4.	17.	18.	21.	33.	43.	46.	62.	62.				
030 Oakland	001	A01	26	31.	40.	50.	59.	78.	128.	143.	146.	146.	69.	30.94	63.80	1.50
030 San Francisco	001	A01	25	33.	34.	42.	46.	61.	78.	81.	98.	98.	52.	16.75	50.02	1.35
030 San Jose	002	A01	13	37.	38.	57.	74.	95.	141.	142.	142.	142.				
	003	A01	13	46.	59.	80.	100.	126.	148.	210.	210.	210.				
031 Fresno	002	A01	23	34.	50.	65.	102.	137.	164.	182.	282.	282.	110.	55.85	97.49	1.68
	002	F01	28	31.	51.	65.	86.	131.	195.	200.	201.	201.				
031 Stockton	002	F01	45	13.	37.	58.	74.	115.	170.	196.	228.	228.	89.	51.73	74.77	1.88
031 Visalia	001	F01	29	36.	68.	128.	175.	249.	370.	380.	382.	382.				
032 San Luis Obispo	001	F01	5	29.	29.	30.	51.	52.	61.	61.	61.	61.				
032 Santa Maria	001	F01	22	29.	45.	62.	65.	88.	117.	141.	146.	146.				
033 Banning	001	I01	47	12.	23.	49.	71.	96.	150.	188.	209.	209.	77.	47.24	63.10	1.99
033 Indio	001	I01	45	14.	62.	92.	142.	182.	280.	289.	386.	386.	152.	82.44	127.60	1.92
COLORADO																
014 Cortez	001	F01	47	2.	22.	29.	35.	44.	56.	57.	62.	62.				
014 Durango	003	F01	73	23.	43.	61.	72.	89.	123.	161.	208.	208.	82.	36.47	74.98	1.52
014 Mesa Verde Nat Park	002	A03	25	6.	7.	12.	25.	27.	42.	52.	53.	53.	23.	13.11	19.05	1.91
034 La Junta	001	F01	107	17.	28.	41.	52.	62.	92.	111.	156.	187.	57.	30.00	51.56	1.57
034 Rocky Ford	001	F01	109	14.	33.	45.	60.	74.	102.	138.	186.	195.	66.	33.36	59.21	1.59
035 Garfield Co	001	F01	106	33.	63.	92.	113.	134.	205.	278.	320.	385.	128.	64.91	114.25	1.59
	002	F01	86	23.	39.	60.	75.	102.	153.	190.	303.	303.	89.	49.58	78.20	1.68
035 Glenwood Springs	001	F01	112	14.	28.	44.	55.	67.	93.	103.	151.	152.	59.	27.28	52.87	1.59
035 Grand Junction	007	F01	104	16.	41.	55.	71.	87.	122.	147.	167.	203.	76.	34.78	68.87	1.58
035 Mesa Co	001	F01	106	15.	33.	58.	78.	102.	150.	161.	195.	199.	85.	43.55	73.89	1.74
	002	F01	96	8.	17.	24.	32.	46.	69.	91.	185.	185.	39.	25.63	33.19	1.74
035 Montrose	001	F01	95	12.	45.	60.	79.	95.	144.	156.	194.	194.	84.	37.28	75.06	1.65
036 Adams Co	001	F01	89	22.	44.	80.	106.	129.	155.	188.	260.	260.	106.	46.00	95.05	1.63
036 Arvada	001	F01	92	35.	62.	93.	107.	136.	194.	205.	330.	330.	120.	51.49	110.44	1.51
036 Aurora	001	F01	92	23.	38.	60.	75.	93.	129.	157.	180.	180.	81.	36.15	72.70	1.61
036 Boulder	001	F01	76	20.	35.	53.	62.	81.	120.	147.	177.	177.	70.	33.30	63.49	1.57
036 Brighton	001	F01	77	19.	54.	71.	94.	114.	139.	150.	187.	187.	94.	33.86	87.76	1.49
036 Denver	001	A01	26	47.	77.	90.	123.	145.	238.	259.	271.	271.	133.	58.30	122.00	1.53
	001	F01	90	40.	66.	86.	109.	130.	181.	217.	255.	255.	117.	47.06	108.32	1.50
	002	A10	161	32.	100.	130.	169.	220.	335.	450.	545.	767.	199.	113.90	173.16	1.69
	003	F02	92	54.	68.	96.	117.	150.	206.	234.	409.	409.	133.	63.67	120.65	1.54
	004	F01	92	45.	84.	107.	135.	178.	217.	266.	410.	410.	148.	64.94	134.69	1.54
	006	F01	94	23.	45.	62.	82.	95.	145.	163.	213.	213.	87.	38.10	79.59	1.55
	007	F01	110	28.	40.	55.	67.	81.	114.	136.	164.	189.	73.	30.78	67.49	1.49
	008	F01	94	31.	44.	68.	87.	109.	141.	183.	269.	269.	93.	43.76	84.11	1.59
036 Douglas Co	001	F01	98	24.	34.	45.	56.	72.	94.	103.	179.	179.	61.	25.15	56.39	1.48
036 Edgewater	001	F01	89	22.	44.	72.	93.	114.	156.	189.	270.	270.	98.	45.60	88.25	1.61
036 Englewood	001	F01	97	33.	52.	74.	92.	121.	175.	206.	353.	353.	105.	50.57	95.40	1.55
036 Golden	001	F01	96	16.	32.	47.	61.	78.	104.	126.	244.	244.	67.	34.56	59.57	1.62
036 Jefferson Co	001	F02	97	12.	25.	34.	50.	59.	86.	103.	205.	205.	54.	30.45	47.36	1.67
036 Lakewood	001	F01	95	15.	30.	48.	60.	78.	98.	146.	211.	211.	68.	34.26	60.25	1.64
036 Longmont	001	F01	83	16.	50.	70.	88.	128.	183.	232.	354.	354.	106.	60.83	91.57	1.75
037 Fort Collins	001	F01	92	13.	48.	77.	92.	118.	148.	182.	241.	241.	99.	45.10	87.73	1.69
037 Greeley	003	F01	104	19.	42.	60.	77.	100.	132.	162.	203.	277.	84.	40.64	75.49	1.62
	004	F01	88	15.	39.	72.	95.	126.	194.	238.	315.	315.	107.	61.27	89.88	1.84
037 Larimer Co	002	F01	71	22.	31.	39.	50.	69.	89.	105.	147.	147.	56.	24.96	51.14	1.53
037 Littleton	001	F01	92	36.	52.	75.	97.	123.	156.	191.	322.	322.	104.	47.96	94.88	1.55
037 Loveland	001	F01	101	16.	44.	57.	73.	94.	142.	181.	274.	281.	85.	47.31	74.66	1.67
037 Sterling	001	F01	67	25.	43.	54.	72.	103.	151.	171.	225.	225.	84.	43.36	74.55	1.63
037 Weld Co	001	F01	103	12.	54.	69.	87.	105.	144.	156.	260.	281.	94.	42.18	84.67	1.61
	002	F01	92	20.	38.	80.	104.	146.	192.	214.	255.	255.	116.	56.96	100.44	1.80
	003	F01	74	27.	50.	79.	98.	120.	166.	184.	208.	208.				
038 Arapahoe Co	001	F03	93	9.	21.	32.	44.	56.	78.	95.	167.	167.	48.	25.67	42.09	1.69

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

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COLORADO — Cont.																
Canon City	001	F01	111	9.	25.	37.	49.	63.	93.	103.	185.	200.	56.	31.45	48.84	1.68
Colorado Springs	003	F01	109	29.	43.	68.	86.	100.	144.	170.	242.	277.	93.	44.98	83.34	1.59
Florence	001	F01	78	29.	50.	65.	78.	96.	132.	155.	410.	410.	88.	47.98	80.43	1.50
Manitou Springs	001	F01	104	20.	37.	54.	65.	83.	105.	118.	173.	226.	70.	31.55	64.23	1.54
Pueblo	001	F01	100	55.	77.	107.	138.	164.	245.	261.	315.	324.	149.	62.30	136.98	1.51
	003	F01	108	51.	79.	107.	124.	147.	187.	214.	307.	364.	133.	48.65	125.02	1.41
Trinidad	001	F01	114	22.	50.	67.	89.	103.	142.	156.	189.	205.	90.	35.53	83.37	1.51
Walsenburg	001	F01	102	21.	55.	70.	86.	125.	170.	246.	394.	505.	111.	74.77	94.52	1.71
Alamosa	001	F01	106	24.	39.	54.	67.	81.	104.	137.	195.	345.	73.	40.05	66.23	1.53
Alamosa Co	001	F03	66	2.	9.	13.	17.	28.	57.	71.	112.	112.				
Costilla Co	001	F01	34	19.	41.	51.	64.	78.	109.	120.	136.	136.				
CONNECTICUT																
Norwich	001	F01	22	32.	36.	56.	72.	80.	92.	94.	102.	102.				
Hartford	001	A01	26	23.	34.	52.	71.	86.	101.	101.	103.	103.	67.	24.87	61.86	1.56
New Britain	001	F01	20	45.	47.	66.	98.	104.	128.	135.	146.	146.				
New Haven	001	A01	26	45.	52.	74.	86.	122.	165.	165.	186.	186.	100.	39.48	93.18	1.48
Waterbury	001	A01	25	22.	51.	75.	88.	112.	146.	167.	217.	217.	95.	41.29	85.89	1.62
	001	F01	21	59.	66.	92.	107.	129.	203.	241.	262.	262.				
Bridgeport	001	A01	26	36.	39.	45.	61.	77.	126.	127.	148.	148.	70.	31.50	63.93	1.51
	001	F01	15	32.	33.	41.	53.	67.	113.	132.	132.	132.				
	002	F01	14	45.	55.	64.	85.	112.	137.	148.	148.	148.				
Stamford	001	F01	1	92.	92.	92.	92.	92.	92.	92.	92.	92.				
DELAWARE																
Newark	001	A01	25	37.	49.	61.	69.	81.	127.	135.	179.	179.	79.	34.43	73.43	1.48
Wilmington	003	A01	24	74.	77	101.	111.	123.	141.	164.	176.	176.	113.	26.55	109.89	1.27
Kent Co	001	A03	17	25.	26.	33.	36.	38.	58.	83.	83.	83.				
DISTRICT OF COLUMBIA																
Washington	001	A01	21	35.	56.	70.	79.	94.	99.	104.	141.	141.				
	003	A01	114	28.	52.	74.	93.	114.	138.	161.	277.	284.	99.	43.35	90.74	1.53
FLORIDA																
Panama City	002	F01	12	57.	62.	88.	95.	101.	132.	261.	261.	261.				
Pensacola	001	F01	17	42.	42.	46.	61.	85.	125.	188.	188.	188.				
West Palm Beach	001	F01	24	27.	43.	49.	51.	58.	79.	83.	157.	157.	58.	24.78	54.48	1.40
Orlando	002	F01	22	45.	49.	63.	71.	79.	94.	105.	145.	145.	74.	21.98	71.22	1.31
Titusville	001	F01	26	26.	29.	39.	43.	51.	63.	67.	78.	78.	46.	12.53	44.02	1.31
Apalachicola	001	F01	22	23.	29.	37.	45.	71.	80.	101.	112.	112.	55.	24.70	50.18	1.57
Jacksonville	002	A01	25	51.	53.	57.	64.	70.	91.	92.	114.	114.	68.	15.62	66.49	1.23
	050	F01	21	39.	47.	49.	52.	56.	79.	85.	105.	105.				
Putnam Co	001	F01	26	33.	37.	46.	56.	64.	79.	80.	128.	128.	59.	20.04	55.91	1.36
Dade Co	002	G01	44	53.	56.	68.	73.	81.	109.	117.	144.	144.	78.	20.14	75.95	1.27
Miami	002	A01	25	27.	47.	64.	70.	82.	105.	107.	117.	117.	73.	21.81	69.49	1.40
	002	F01	24	33.	37.	48.	54.	66.	80.	84.	112.	112.	58.	18.42	55.54	1.35
Bradenton	002	G02	21	11.	32.	48.	61.	77.	107.	117.	134.	134.				
Hardee Co	001	A03	26	18.	22.	28.	32.	40.	45.	46.	49.	49.	33.	9.15	32.12	1.34
	001	F01	21	23.	25.	31.	39.	42.	46.	54.	65.	65.				
Manatee Co	005	G02	19	19.	30.	34.	39.	51.	80.	126.	126.	126.				
	008	G02	17	24.	28.	40.	48.	64.	117.	152.	152.	152.				
St Petersburg	002	A01	24	23.	29.	35.	38.	48.	79.	79.	137.	137.	47.	24.09	42.64	1.49
	002	F01	25	21.	31.	43.	50.	64.	77.	85.	92.	92.	54.	18.49	50.92	1.44
Tampa	001	F01	22	46.	52.	65.	70.	86.	136.	186.	189.	189.	86.	39.60	79.83	1.47
	002	A01	26	36.	48.	65.	102.	121.	133.	141.	167.	167.	94.	35.58	86.88	1.52
Winter Haven	001	F01	28	21.	25.	43.	57.	65.	83.	89.	111.	111.	57.	22.13	52.11	1.53
GEORGIA																
Columbus	001	A01	23	19.	29.	43.	62.	72.	96.	102.	104.	104.	61.	24.14	55.84	1.58
	001	F01	26	6	21.	43.	59.	80.	110.	116.	129.	129.	63.	31.49	53.15	1.95
Brunswick	001	F01	23	43	55.	66.	78.	85.	115.	121.	173	173.	80.	27.83	76.18	1.36
Augusta	001	F01	25	30.	39	62.	93	116	158	212	215.	215	96	48.57	84.33	1.69

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GEORGIA — Cont.																
054 Lyons	001	F01	24	2.	4.	16.	20.	28.	46.	55.	59	59.				
054 Macon	001	F01	23	29.	47.	57.	79.	87.	106.	151.	158.	158.	78.	31.14	72.50	1.49
055 Rome	001	F01	26	36.	38.	63.	91.	104.	136.	140.	191.	191.	90.	36.10	83.32	1.53
055 Rossville	001	F01	21	23.	49.	99.	150.	186.	231.	348.	489.	489.				
056 Atlanta	001	A01	26	25.	46.	72.	82.	103.	125.	131.	153.	153.	88.	30.21	81.88	1.49
057 Gainesville	001	F01	13	31.	44.	50.	77.	84.	122.	134.	134.	134.				
058 Savannah	001	A01	26	33.	50.	68.	79.	97.	136.	141.	147.	147.	86.	30.78	80.93	1.45
	001	F01	25	27.	46.	59.	71.	84.	109.	110.	132.	132.	74.	25.06	70.10	1.43
059 Albany	001	F01	11	40.	46.	64.	77.	82.	100.	129.	129.	129.				
059 Valdosta	001	F01	24	17.	35.	45.	54.	76.	117.	135.	137.	137.				
HAWAII																
060 Hawaii Volcanoes Nat Park	001	A03	23	5.	6.	8.	8.	12.	29.	69.	71.	71.				
060 Hilo	001	F01	20	16.	17.	19.	24.	24.	30.	33.	38.	38.				
060 Honolulu	001	A01	25	23.	25.	29.	34.	38.	53.	60.	75.	75.	37.	12.42	35.19	1.35
IDAHO																
061 American Falls	001	F03	13	65.	65.	78.	115.	148.	184.	248.	248.	248.				
061 Bannock Co	004	F02	31	29.	56.	120.	139.	245.	385.	419.	491.	491.				
061 Blackfoot	001	F03	4	83.	83.	84.	84.	84.	117.	117.	117.	117.				
061 Butte Co	001	A03	26	2.	3.	5.	8.	11.	19.	22.	24.	24.	9.	6.17	7.62	1.99
061 Pocatello	001	F01	13	66.	70.	100.	141.	152.	163.	187.	187.	187.				
	003	F01	16	44.	62.	67.	76.	106.	138.	279.	279.	279.				
061 Power Co	005	F02	22	56.	106.	124.	153.	211.	310.	356.	524.	524.				
062 Coeur DAalene	001	F01	57	11.	32.	48.	71.	91.	138.	172.	383.	383.				
062 Kellogg	004	F02	23	46.	55.	69.	100.	126.	156.	183.	231.	231.				
062 Kootenai Co	002	F03	27	7.	12.	18.	53.	99.	171.	295.	336.	336.				
063 Twin Falls	001	F01	132	22.	59.	100.	132.	171.	216.	238.	503.	767.	143.	87.32	122.99	1.76
064 Boise City	001	A01	23	24.	37.	51.	62.	77.	105.	136.	191.	191.	72.	37.24	64.72	1.60
	002	F01	53	22.	32.	62.	81.	96.	124.	170.	285.	285.	84.	46.81	73.35	1.70
	003	F01	45	22	35.	80.	98.	142.	168.	181.	374.	374.				
	004	F01	64	21.	40.	75.	91.	110.	147.	192.	285.	285.	98.	48.68	86.95	1.66
	005	F01	20	11.	17.	35.	45.	58.	69.	70.	75.	75.				
ILLINOIS																
065 Peoria	001	A01	26	52.	78.	96.	114.	159.	331.	342.	357.	357.	151.	88.20	130.83	1.69
067 Blue Island	001	G01	69	32.	53.	71.	87.	125.	175.	196.	246.	246.				
067 Calumet City	001	G01	82	19.	53.	75.	99.	126.	180.	213.	406.	406.				
067 Chicago	001	A01	26	38.	54.	100.	129.	146.	188.	189.	242.	242.	124.	50.07	112.34	1.60
	002	A10	98	78.	126.	165.	187.	228.	306.	401.	864.	864.	212.	106.10	195.03	1.48
	003	H01	138	16.	44.	59.	77.	103.	148.	179.	229.	292.	89.	45.20	79.22	1.62
	004	H01	132	11.	61.	85.	108.	132.	185.	225.	296.	322.	117.	53.98	104.41	1.65
	005	H01	134	27.	75.	103.	129.	159.	208.	230.	299.	350.	135.	55.24	124.04	1.55
	006	H01	130	26.	63.	78.	99.	132.	189.	212.	297.	336.	114.	53.82	102.69	1.59
	007	H01	140	39.	55.	74.	90.	111.	154.	190.	232.	267.	101.	44.03	93.00	1.50
	008	H01	140	17.	63.	106.	127.	162.	209.	253.	448.	470.	140.	68.49	123.84	1.68
	009	H01	124	10.	54.	81.	99.	125.	194.	214.	254.	257.	111.	52.04	98.47	1.69
	010	H01	138	15.	54.	79.	93.	119.	171.	220.	280.	295.	106.	49.53	95.35	1.62
	011	H01	132	20.	45.	63.	77.	104.	141.	164.	214.	258.	88.	42.04	78.45	1.61
	012	H01	119	30.	69.	108.	129.	170.	259.	287.	398.	405.	149.	73.15	133.43	1.62
	013	H01	122	26.	77.	110.	134.	167.	233.	269.	365.	379.	146.	65.25	132.52	1.57
	014	H01	142	12.	71.	95.	118.	142.	191.	235.	326.	373.	126.	59.46	112.70	1.67
	015	H01	129	25.	65.	81.	108.	129.	190.	221.	263.	279.	116.	50.44	106.28	1.52
	016	H01	138	31.	64.	87.	106.	124.	172.	218.	255.	262.	112.	45.51	103.54	1.49
	017	H01	141	31.	56.	78.	103.	130.	206.	239.	271.	366.	117.	59.26	104.21	1.62
	018	H01	125	45.	62.	89.	108.	148.	213.	295.	420.	565.	135.	82.47	117.60	1.66
	019	H01	136	31.	63.	87.	106.	139.	196.	228.	255.	258.	119.	50.02	108.74	1.54
	020	H01	139	25.	57.	75.	96.	112.	156.	203.	242.	253.	102.	43.03	93.38	1.51
	021	H01	135	31.	64.	84.	102.	134.	195.	254.	329.	341.	120.	62.16	107.31	1.59
	022	H01	141	40.	102.	137.	174.	236.	365.	396.	591.	686.	209.	110.28	184.92	1.65
067 Chicago Heights	001	G01	86	14.	39.	56.	73.	93.	144.	154.	226.	226.				
067 Cicero	001	G01	86	43.	91.	115.	144.	183.	255.	265.	324.	324.				
067 Cook Co	001	G01	77	10	53.	78.	100.	135.	179.	201	242.	242.				
	002	H01	155	32.	63.	83.	106.	138.	198.	238.	264.	331.	120.	55.17	108.20	1.57

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ILLINOIS — Cont.																
	015	H01	155	19.	49.	71.	86.	110.	152.	170.	234.	236.	95.	40.22	87.42	1.53
067 Flossmoor	001	G01	84	26.	40.	62.	73.	95.	151.	168.	303.	303.				
067 Franklin Park	001	G01	86	8.	49.	66.	80.	108.	170.	184.	235.	235.				
067 Harvey	001	G01	86	36.	56.	74.	92.	128.	178.	204.	313.	313.				
067 Hillside	001	G01	87	28.	40.	61.	77.	92.	129.	156.	201.	201.				
067 Joliet	001	A01	22	49.	65.	78.	103.	143.	163.	186.	196.	196.				
067 Midlothian	001	G01	71	23.	43.	61.	82.	103.	155.	170.	207.	207.				
067 Niles	001	G01	85	15.	37.	54.	66.	83.	135.	150.	234.	234.				
067 North Chicago	002	A01	25	24.	31.	66.	75.	116.	201.	298.	719.	719.	118.	139.72	83.31	2.17
067 Orland Park	001	G01	76	4.	42.	70.	97.	123.	162.	228.	313.	313.				
067 Palatine	001	G01	85	17.	34.	45.	61.	77.	144.	162.	179.	179.				
067 River Forest	001	G01	86	33.	48.	65.	84.	115.	165.	203.	263.	263.				
067 Wilmette	001	G01	79	11.	32.	55.	74.	87.	158.	174.	242.	242.				
069 Moline	001	A01	9	76.	76.	102.	163.	243.	418.	418.	418.	418.				
069 Rock Island	001	A01	24	23.	40.	53.	78.	110.	138.	141.	182.	182.	85.	41.32	74.38	1.72
070 East St Louis	001	A01	11	52.	74.	113.	133.	139.	161.	283.	283.	283.				
	004	A01	12	59.	61.	79.	89.	141.	185.	252.	252.	252.				
070 Venice	002	F01	31	43.	58.	110.	130.	147.	191.	232.	250.	250.				
073 Rockford	001	A01	14	46.	46.	64.	71.	118.	247.	288.	288.	288.				
075 Springfield	001	A01	25	41.	56.	70.	82.	95.	120.	123.	125.	125.	84.	23.37	80.88	1.34
INDIANA																
067 Chesterton	001	G01	26	19.	22.	42.	48.	63.	102.	104.	110.	110.				
067 East Chicago	001	A01	26	90.	100.	139.	184.	225.	284.	301.	390.	390.	189.	70.30	176.96	1.45
	001	H02	51	67.	88.	136.	171.	196.	262.	317.	386.	386.	176.	69.99	163.41	1.49
	003	H02	51	58.	87.	124.	150.	183.	263.	346.	461.	461.	168.	80.13	151.83	1.56
	004	H02	50	50.	70.	93.	114.	154.	261.	287	358.	358.	146.	73.67	130.37	1.61
	006	H02	49	56.	73.	86.	104.	130.	168.	199.	208.	208.	112.	36.82	107.02	1.37
	007	H02	49	41.	53.	73.	94.	111.	145.	186.	228.	228.	98.	40.28	90.83	1.49
067 Gary	001	A01	23	19.	61.	91.	127.	176.	199.	229.	306.	306.	136.	64.73	119.12	1.79
	002	H01	30	42.	48.	58.	116.	131.	205.	216.	237.	237				
	003	H01	40	41.	48.	81.	113.	167.	257.	279.	338.	338.				
	004	H01	31	41.	76.	115.	158.	220.	279.	338	506.	506.				
	005	H01	27	16	25.	39.	79.	112.	139.	146.	221.	221.				
	008	H01	38	15.	34.	48.	61.	94.	142.	168.	217.	217.				
	009	H01	21	13.	45.	65.	98.	120.	167.	174.	217.	217.				
067 Hammond	001	A01	47	47.	57.	93.	107.	135.	183.	207.	272.	272.	117.	51.88	107.51	1.53
	001	F01	28	39.	49.	73.	96.	120.	179.	184.	280.	280.				
	002	A01	28	47.	53.	77.	93.	108.	179.	184.	280.	280.				
	002	H01	28	21.	49.	73.	90.	105.	170.	184.	280.	280.				
	003	F01	7	53.	53.	70.	76.	90.	219.	219.	219.	219.				
	004	H01	7	53.	53.	70	76.	90.	219	219.	219.	219				
067 Porter Co	005	G01	31	7	16	26.	37.	48.	83.	96.	111.	111.				
	008	G01	26	20	22.	33.	40.	47.	81.	105.	109.	109.				
	009	G01	34	25.	30.	42.	58.	65.	91.	112.	133.	133.				
	010	G01	29	29.	34.	55.	103.	131.	152.	155.	203.	203.				
067 Valparaiso	002	G01	35	20.	24.	34.	49.	62.	91.	99.	120.	120.				
076 Anderson	001	F01	15	18.	34.	42.	60.	68.	87.	110.	110.	110.				
076 Marion	001	F01	14	21.	26.	48.	59.	70.	93.	109.	109	109.				
076 Muncie	001	A01	17	51.	51.	90.	122.	129.	210	239.	239.	239.				
076 Richmond	001	F01	25	15.	38.	47	58.	72.	111.	123.	128.	128	65.	28.23	59.40	1.58
077 Evansville	001	A01	26	39.	46.	56.	88.	111.	130.	137.	148.	148	88.	32.52	81.72	1.51
	001	F01	25	22.	35.	46.	74.	82.	106	117.	120.	120.	69.	27.58	63.23	1.57
	003	H01	48	32.	49.	79.	88.	131.	166.	179.	244.	244.	104.	45.15	94.96	1.56
	004	H01	47	20.	31.	54.	68.	87.	105.	119.	155.	155.	71.	29.40	64.85	1.59
	006	H01	192	30.	47.	64.	75	89.	119.	134.	166.	232.	80.	29.25	74.76	1.42
077 Jasper	001	F01	13	36.	43.	56.	97.	102.	117.	155.	155.	155.				
077 Washington	001	F01	15	4	4.	9.	10.	12.	15.	33	33.	33.				
078 New Albany	002	A01	21	25.	43.	60.	74.	104.	123.	164.	197.	197.	85.	43.00	75.26	1.68
079 Lawrenceburg	001	F01	8	6.	6.	38.	59.	94.	144.	144.	144.	144.				
080 Indianapolis	001	A01	25	56.	64.	83.	101.	120.	197.	209.	246.	246.	115.	50.99	105.56	1.50
	001	H01	219	20.	57.	77.	95.	114.	153.	177.	219.	228.	101.	38.78	93.55	1.48
	002	H01	223	1.	56.	76.	95.	115.	150.	177.	219.	228.	100.	39.72	91.13	1.70
	003	H01	7	17.	17.	51.	84.	117.	300.	300.	300.	300.				
	004	H01	229	21.	35.	48.	64.	81.	108.	118.	143.	159.	68.	28.29	62.15	1.54
	005	H01	89	23.	34.	45.	64.	80.	131.	164.	197.	197.				
	006	H01	225	20.	43.	58.	74.	92.	122.	138.	170.	190.	79.	32.09	73.23	1.50
	007	H01	51	8	57.	76.	94.	122.	146.	158.	176.	176.				

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
INDIANA—Cont.																
	008	H01	54	8.	38.	61.	71.	90.	108.	124.	158.	158.				
	009	H01	84	35.	50.	67.	83.	103.	138.	153.	201.	201.				
	010	H01	230	31.	59.	81.	109.	137.	185.	210.	285.	332.	118.	53.16	106.77	1.57
	011	H01	101	40.	55.	77.	96.	116.	157.	173	196.	204.	101.	38.32	93.59	1.48
	012	H01	55	24.	39.	53.	69.	84.	111.	131.	145.	145.				
	013	H01	69	22.	40.	61.	73.	90.	128.	133.	165.	165.				
	014	H01	45	28.	35.	64.	77.	104.	120.	148.	159.	159.				
	015	H01	66	24.	43.	57.	75.	111.	151.	209.	290.	290.				
	016	H01	31	40.	59.	71.	83.	101.	117.	127.	204.	204.				
	017	H01	33	29.	49.	76.	83.	99.	131.	141.	183.	183.				
	018	H01	34	18.	24.	39.	54.	76.	93.	97.	130.	130.				
	019	H01	64	7.	32.	42.	53.	68.	102.	121.	181.	181.				
	021	F01	28	20.	40.	61.	79.	100.	160.	164.	209.	209.	89.	44.38	78.95	1.69
081 Fort Wayne	001	A01	24	43.	51.	82.	91.	106.	159.	160.	174.	174.	97.	35.30	90.35	1.46
082 Elkhart	001	F01	25	21.	24.	48.	62.	77.	108.	109.	147.	147.	66.	31.83	58.07	1.70
082 La Porte	001	F01	16	25.	27.	36.	50.	74.	106.	230.	230.	230.				
082 Michigan City	001	H01	9	6.	6.	15.	78.	92.	145.	145.	145.	145.				
082 Mishawaka	005	F01	22	13.	36.	48.	69.	111.	136.	144.	156.	156.				
082 South Bend	002	A01	22	38.	46.	69.	97.	116.	166.	178.	191.	191.	99.	45.33	89.47	1.62
	006	G02	5	54.	54.	82.	97.	108.	130.	130.	130.	130.				
083 Bloomington	001	F01	22	33.	45.	63.	77.	106.	143.	183.	307.	307.				
083 Monroe Co	001	A03	24	12.	20.	28.	30.	37.	67.	69.	78.	78.	36.	16.14	32.98	1.52
084 Kokomo	001	F01	26	23.	32.	37.	46.	73.	95.	96.	119.	119.	58.	27.06	52.16	1.60
084 Lafayette	001	F01	20	40.	45.	54.	64.	75.	103.	106.	117.	117.				
084 Parke Co	001	A03	25	31.	41.	50.	60.	75.	118.	120.	139.	139.	69.	29.18	63.51	1.50
084 Terre Haute	001	A01	26	33.	44.	67.	95.	128.	189.	212.	361.	361.	109.	68.67	93.14	1.74
	004	G01	29	67.	71.	108.	142.	193.	267.	272.	298.	298.				
	009	G01	195	34.	59.	89.	106.	131.	173.	193.	410.	639.	116.	61.44	104.87	1.54
	010	G01	28	39.	60.	76.	100.	129.	185.	201.	224.	224.				
	012	G01	30	35.	44.	72.	93.	108.	165.	188.	209.	209.	100.	44.38	90.66	1.58
	013	G01	30	30.	44.	67.	80.	92.	124.	142.	148.	148.	83.	29.85	78.04	1.46
084 Vigo Co	001	G01	39	45.	55.	80.	94.	112.	136.	144.	149.	149.	95.	27.55	90.55	1.36
	003	G01	19	37.	40.	56.	64.	92.	111.	143.	143.	143.				
	004	G01	12	48.	52.	81.	94.	107.	120.	196.	196.	196.				
084 Vincennes	001	F01	24	23.	33.	49.	53.	60.	119.	122.	141.	141.	65.	32.97	57.59	1.64
084 West Terre Haute	001	G01	28	46.	56.	104.	136.	168.	231.	272.	283.	283.				
IOWA																
065 Keokuk	002	F01	7	99.	99.	137.	140.	147.	327.	327.	327.	327.				
068 Dubuque	001	A01	12	30.	117.	145.	194.	241.	362.	384.	384.	384.				
069 Clinton	011	F01	26	30.	38.	53.	72.	94.	130.	142.	178.	178.	78.	36.55	70.93	1.58
069 Davenport	001	A01	25	39.	74.	129.	158.	188.	290.	296.	302.	302.	165.	72.51	148.16	1.65
	009	F01	27	56.	68.	99.	113.	132.	169.	183.	229.	229.	119.	41.03	112.45	1.42
085 Council Bluffs	001	F01	12	45.	61.	78.	95.	117.	287.	401.	401.	401.				
	016	F01	16	49.	70.	95.	114.	141.	190.	233.	233.	233.				
086 Sioux City	001	F01	19	37.	43.	55.	80.	93.	110.	131.	131.	131.				
	003	F01	2	100.	100.	100.	100.	138.	138.	138.	138.	138.				
088 Cedar Rapids	001	A01	23	52.	81.	88.	107.	126.	186.	191.	238.	238.	117.	45.40	109.42	1.45
088 Jones Co	006	F01	5	45.	45.	65.	100.	106.	132.	132.	132.	132.				
088 Waterloo	003	F01	21	11.	44.	71.	86.	125.	150.	158.	161.	161.				
089 Mason City	011	F01	20	38.	52.	70.	93.	133.	217.	219.	229.	229.	115.	59.28	101.39	1.69
092 Des Moines	001	A01	24	43.	54.	78.	86.	109.	166.	172.	193.	193.	102.	42.01	94.38	1.51
	001	G01	26	1.	47.	124.	146.	175.	233.	268.	280.	280.	147.	65.69	112.79	3.31
	002	G01	26	1.	55.	125.	177.	199.	323.	346.	380.	380.	172.	93.37	124.69	3.55
	003	G01	26	1.	50.	72.	98.	110.	256.	310.	430.	430.	117.	89.58	84.01	3.22
092 Polk Co	019	G01	25	1.	40.	64.	91.	133.	180.	209.	291.	291.	105.	62.92	77.18	3.22
092 West De Moines	003	G01	26	1.	13.	77.	94.	122.	163.	170.	218.	218.	95.	52.70	59.94	4.60
KANSAS																
094 Kansas City	002	A01	26	46.	66.	112.	128.	170.	218.	260.	358.	358.	142.	68.02	128.02	1.61
	002	H01	50	40.	65.	103.	128.	158.	203.	234.	311.	311.	137.	57.80	125.28	1.54
	004	H01	51	25.	48.	69.	81.	100.	120.	144.	157.	157.	84.	30.20	78.91	1.47
	007	H01	52	25.	38.	49.	60.	70.	92.	111.	121.	121.	63.	22.45	59.54	1.43
	008	H01	54	79.	122.	152.	189.	244.	359.	368.	439.	439.	210.	85.36	194.30	1.49
	009	H01	50	32.	53.	83.	96.	119.	151.	178.	216.	216.	103.	40.61	94.82	1.52
094 Wyandotte Co	008	H01	51	9.	22.	35.	42.	51.	72.	88.	101.	101.	46.	20.54	41.40	1.62

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
KANSAS — Cont.																
095 Atchison	001	F01	31	49.	65.	105.	174.	219.	279.	324.	348.	348.				
095 Lawrence	001	F01	49	10.	21.	38.	48.	71.	106.	116.	140.	140.				
095 Topeka	001	A01	34	26.	37.	58.	76.	93.	135.	183.	238.	238.	82.	45.36	72.20	1.68
	002	F01	10	28.	28.	39.	49.	65.	83.	84.	84.	84.				
	004	F01	75	10.	41.	80.	105.	132.	186.	226.	418.	418.	112.	61.94	96.19	1.80
096 Junction City	001	F01	79	24.	42.	61.	75.	91.	134.	148.	248.	248.	81.	39.85	73.64	1.57
096 Mc Pherson	001	F01	82	29.	44.	66.	84.	108.	147.	167.	367.	367.	92.	48.44	81.75	1.63
096 Manhattan	001	F01	54	28.	51.	75.	95.	120.	208.	234.	373.	373.	113.	64.56	98.96	1.69
096 Salina	001	F01	65	13.	21.	37.	53.	67.	90.	100.	137.	137.	54.	28.18	47.10	1.76
097 Goodland	001	F01	70	25.	68.	98.	129.	163.	228.	284.	521.	521.	142.	77.96	123.99	1.70
097 Great Bend	001	F01	78	13.	26.	34.	46.	59.	87.	119.	162.	162.	52.	28.83	45.94	1.67
097 Hays	001	F01	81	15.	39.	54.	66.	88.	119.	134.	203.	203.	74.	36.81	65.93	1.65
098 Coffeyville	001	F01	51	18.	27.	40.	50.	65.	77.	119.	159.	159.				
098 Pittsburg	001	F01	70	15.	28.	45.	65.	92.	124.	176.	256.	256.	75.	48.37	62.83	1.83
099 Arkansas City	001	F01	39	25.	43.	66.	82.	104.	166.	210.	268.	268.	93.	48.85	82.64	1.63
099 El Dorado	001	F01	64	14.	38.	59.	83.	130.	163.	189.	307.	307.	98.	57.04	82.89	1.84
099 Hutchinson	001	F01	57	35.	46.	86.	130.	182.	260.	288.	346.	346.	142.	79.50	120.87	1.81
099 Newton	001	F01	76	18.	27.	38.	52.	75.	106.	120.	152.	152.	60.	29.53	53.08	1.64
099 Wichita	001	A01	25	31.	42.	65.	83.	104.	147.	163.	220.	220.	92.	43.78	82.48	1.61
	001	F01	25	31.	42.	65.	83.	105.	147.	163.	220.	220.	92.	43.79	82.51	1.61
	004	F01	59	39.	62.	89.	127.	158.	288.	336.	548.	548.	144.	88.75	124.38	1.70
	005	F01	74	29.	85.	137.	190.	268.	352.	570.	1198.	1198.	239.	202.91	188.87	1.96
100 Dodge City	001	F01	78	19.	28.	42.	51.	80.	136.	320.	1080.	1080.	90.	144.62	60.33	2.10
100 Garden City	001	F01	61	7.	63.	88.	102.	120.	161.	204.	485.	485.	120.	80.73	102.36	1.78
KENTUCKY																
072 Ballard Co	001	F01	4	23.	23.	24.	24.	43.	55.	55.	55.	55.				
	002	F01	6	51.	51.	53.	59.	80.	81.	81.	81.	81.				
	003	F01	4	61.	61.	61.	61.	65.	96.	96.	96.	96.				
072 Carlisle Co	001	F01	4	42.	42.	57.	57.	65.	77.	77.	77.	77.				
072 Madisonville	001	F01	11	11.	44.	61.	68.	98.	104.	159.	159.	159.				
072 Marshall Co	002	F01	17	51.	52.	71.	86.	102.	198.	272.	272.	272.				
	003	F02	15	21.	40.	47.	55.	78.	102.	302.	302.	302.				
	004	F01	16	26.	31.	45.	54.	70.	185.	336.	336.	336.				
	005	F01	18	19.	34.	55.	81.	105.	187.	198.	198.	198.				
	007	F02	17	33.	35.	52.	68.	94.	117.	185.	185.	185.				
072 Paducah	001	F01	16	15.	37.	52.	74.	100.	138.	250.	250.	250.				
	002	F01	17	35.	35.	52.	56.	75.	116.	144.	144.	144.				
	003	F01	17	5.	40.	62.	89.	111.	150.	210.	210.	210.				
	004	F01	16	45.	49.	70.	97.	104.	113.	116.	116.	116.				
	005	F03	16	27.	29.	35.	47.	56.	89.	96.	96.	96.				
	006	F01	14	52.	52.	65.	84.	111.	119.	150.	150.	150.				
	018	F01	17	35.	36.	65.	92.	126.	154.	245.	245.	245.				
077 Henderson	002	F01	16	44.	49.	70.	89.	147.	191.	263.	263.	263.				
077 Owensboro	001	F01	16	71.	75.	90.	94.	186.	208.	219.	219.	219.				
078 Jefferson Co	001	F01	19	17.	18.	30.	35.	44.	50.	50.	50.	50.				
078 Louisville	002	A01	2	119.	119.	119.	119.	147.	147.	147.	147.	147.				
	002	F01	16	76.	89.	112.	138.	171.	272.	330.	330.	330.				
	003	A01	18	45.	53.	84.	95.	127.	181.	181.	181.	181.				
079 Covington	001	A01	25	39.	61.	72.	92.	112.	154.	180.	203.	203.	97.	40.39	89.95	1.51
079 Newport	001	F01	12	126.	148.	156.	163.	186.	243.	354.	354.	354.				
101 Corbin	001	F01	12	24.	29.	35.	46.	58.	64.	126.	126.	126.				
101 London	001	F01	11	12.	30.	56.	86.	94.	111.	141.	141.	141.				
102 Frankfort	002	F01	16	26.	31.	38.	47.	62.	84.	118.	118.	118.				
102 Lexington	001	A01	25	24.	38.	55.	74.	85.	97.	106.	118.	118.	71.	22.86	66.76	1.46
	003	F01	16	33.	39.	57.	73.	93.	104.	223.	223.	223.				
103 Ashland	002	A01	26	27.	67.	108.	132.	169.	307.	308.	351.	351.	152.	79.33	132.22	1.75
	003	F01	16	57.	60.	75.	123.	206.	325.	332.	332.	332.				
	005	F01	16	35.	42.	48.	89.	162.	253.	278.	278.	278.				
	006	F01	16	31.	36.	49.	67.	99.	145.	223.	223.	223.				
104 Elizabethtown	001	F01	15	18.	27.	49.	58.	64.	97.	170.	170.	170.				
104 Oldham Co	001	F01	5	37.	37.	40.	50.	55.	60.	60.	60.	60.				
105 Bowling Green	001	A01	21	8.	34.	46.	53.	64.	88.	90.	94.	94.	56.	21.47	50.43	1.70
LOUISIANA																
022 Shreveport	001	A01	24	36.	38.	63.	76.	94.	126.	197.	208.	208.	85.	43.42	75.98	1.59

PARTICULATE, micrograms per cubic meter (25 C)
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					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
LOUISIANA — Cont.																
106 Baton Rouge	001	A01	26	30.	35.	58.	67.	86.	105.	107.	137.	137.	70.	25.99	65.09	1.47
106 New Orleans	002	A01	26	34.	40.	62.	79.	93.	117.	123.	128.	128	79.	25.80	74.16	1.43
MAINE																
109 Acadia Nat Park	001	A03	26	7.	12.	16.	28.	34.	56.	65.	68.	68.	29.	17.51	24.51	1.88
110 Portland	002	A01	26	38.	50.	66.	82.	95.	122.	126.	169.	169.	85.	29.81	80.50	1.43
110 South Portland	001	F01	27	6.	20.	28.	34.	38.	46.	48.	58.	58.				
	002	F01	25	12.	17.	25.	32.	43.	59.	86.	107.	107.				
MARYLAND																
047 Capitol Heights	001	G01	40	23.	42.	60.	66.	89.	134.	146.	209.	209.				
047 Cheverly	001	G01	53	21.	48.	60.	77.	87.	122.	142.	151.	151.	80.	29.59	74.47	1.46
047 Hyattsville	001	G01	46	41.	50.	66.	80.	104.	160.	183.	186.	186.	94.	41.85	85.82	1.53
	002	G01	15	37.	60.	65.	80.	91.	230.	248.	248.	248.				
047 Laurel	001	G01	36	10.	41.	62.	77.	95.	129.	150.	214.	214.				
047 Prince Georges Co	001	G01	51	8.	31.	41.	47.	62.	76.	100.	117.	117.	52.	21.90	47.84	1.57
	002	G01	53	22.	40.	48.	64.	81.	101.	133.	161.	161.	69.	28.84	63.61	1.50
	003	G01	55	16.	27.	44.	50.	58.	92.	115.	262.	262.	57.	36.47	49.74	1.63
	004	G01	33	23.	43.	53.	65.	80.	114.	140.	164.	164.				
	006	G01	55	12.	42.	59.	66.	77.	122.	137.	172.	172.	73.	31.85	66.41	1.61
	010	G01	58	33.	44.	59.	78.	106.	133.	240.	314.	314.	94.	57.58	82.09	1.66
	011	G01	58	4.	7.	42.	53.	65.	90.	102.	124.	124.	54.	27.55	43.26	2.25
	012	G01	46	23.	31.	41.	51.	65.	87.	98.	143.	143.	56.	24.37	51.12	1.51
	016	G01	34	17.	33.	44.	52.	63.	88.	100.	139.	139.				
	018	G01	40	14.	31.	40.	47.	60.	78.	86.	116.	116.				
	019	G01	24	10.	29.	46.	53.	61.	102.	103.	128.	128.				
115 Baltimore	001	A01	25	31.	65.	74.	98.	180.	251.	267.	468.	468.	136.	95.02	113.00	1.84
116 Calvert Co	001	A03	9	33.	33.	35.	38.	47.	65.	65.	65.	65.				
MASSACHUSETTS																
042 Chicopee	001	F01	211	29.	49.	63.	80.	98.	134.	151.	191.	201.	86.	34.78	79.15	1.48
042 Holyoke	004	F01	110	11.	27.	46.	65.	83.	113.	124.	165.	202.				
042 Springfield	003	A01	25	26.	39.	55.	70.	74.	95.	100.	118.	118.	68.	21.64	64.28	1.42
	003	F01	208	10.	66.	88.	109.	133.	177.	184.	208.	238.	114.	41.28	105.50	1.51
118 Worchester	001	A01	23	56.	58.	98.	112.	137.	200.	204.	204.	204.	120.	48.16	110.88	1.51
119 Boston	001	A01	19	31.	38.	62.	87.	102.	146.	163.	163.	163.				
	001	F01	181	10.	50.	68.	81.	102.	146.	175.	241.	405.	91.	45.73	81.50	1.61
	002	F01	187	12.	66.	100.	121.	152.	277.	321.	417.	549.	148.	86.33	127.74	1.73
	012	F01	57	37.	58.	87.	101.	130.	171.	195.	276.	276.				
	013	F01	170	10.	46.	65.	84.	104.	137.	157.	216.	239.	89.	37.60	80.90	1.58
119 Cambridge	001	A01	18	18.	35.	41.	45.	79.	94.	149.	149.	149.				
120 Attleboro	002	F01	20	16.	21.	36.	48.	55.	76.	77.	92.	92.				
120 Fall River	002	A01	24	20.	46.	54.	62.	78.	94.	104.	157.	157.	69.	26.83	63.90	1.48
	003	F01	9	44.	44.	55.	59.	74.	144.	144.	144.	144.				
120 Falmouth	001	F01	13	19.	34.	46.	51.	67.	97.	97.	97.	97.				
120 New Bedford	001	A01	13	25.	28.	35.	74.	85.	132.	160.	160.	160.				
	002	F01	8	47.	47.	51.	54.	60.	65.	65.	65.	65.				
120 Plymouth	001	F01	13	37.	45.	49.	55.	71.	82.	95.	95.	95.				
121 Billerica	001	F01	35	26.	29.	43.	53.	65.	85.	105.	108.	108.				
121 Haverhill	001	F01	32	28.	37.	49.	73.	101.	117.	133.	179.	179.				
121 Lawrence	001	F01	20	17.	26.	36.	62.	84.	114.	115.	133.	133.				
	002	F01	19	19.	29.	36.	58.	85.	120.	120.	120.	120.				
121 Lowell	001	F01	30	27.	29.	56.	67.	81.	118.	151.	199.	199.				
121 Newburyport	001	F01	39	19.	23.	30.	44.	50.	65.	70.	295.	295.	49.	43.00	41.65	1.62
MICHIGAN																
082 Benton Harbor	001	F01	23	58.	64.	80.	105.	130.	236.	239.	475.	475.	128.	90.05	110.45	1.65
122 Flint	001	A01	25	41.	43.	63.	76.	91.	135.	170.	184.	184.	84.	38.20	77.33	1.52
	002	F01	22	44.	53.	67.	85.	112.	130.	133.	158.	158.	91.	30.85	85.55	1.43
	003	F01	23	39.	47.	73.	85.	108	133.	152.	200.	200.	92.	38.04	85.30	1.51
	004	F01	23	45.	53.	73.	80.	95.	115.	140.	157.	157.	86.	27.66	81.79	1.37
	005	F01	23	30.	46.	50.	64.	85.	125.	194.	197.	197.	78.	44.45	68.74	1.64
	006	F01	22	78.	100.	140.	157.	217.	395.	422.	774.	774.	219.	154.05	186.14	1.73
	007	F01	22	41.	51.	66.	81.	93.	111	134.	168.	168.				

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

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MICHIGAN — Cont.																
	008	F01	23	45.	56.	67.	71.	94.	113.	114.	169.	169.	81.	26.78	77.70	1.34
	009	F01	19	37.	41.	52.	61.	86.	113.	152.	152.	152.				
122 Genesee Co	001	F01	19	14.	21.	32.	53.	77.	123.	138.	138.	138.				
122 Grand Rapids	001	A01	25	29.	40.	68.	82.	106.	117.	142.	145.	145.	82.	33.20	75.21	1.58
	002	F01	24	25.	33.	69.	89.	106.	127.	157.	209.	209.				
	005	F01	26	19.	31.	62.	75.	88.	120.	123.	136.	136.	75.	29.90	68.18	1.64
	006	F01	26	23.	34.	53.	87.	112.	124.	147.	176.	176.	84.	38.95	74.78	1.70
	007	F01	26	21.	42.	62.	96.	141.	173.	175.	223.	223.	104.	52.18	89.68	1.81
	010	F01	26	14.	23.	49.	61.	86.	118.	120.	214.	214.	71.	39.85	61.82	1.77
	011	F01	26	22.	40.	71.	95.	135.	253.	261.	303.	303.	120.	79.08	96.86	2.01
	015	F01	26	16.	22.	38.	52.	70.	100.	114.	118.	118.	58.	28.47	51.04	1.71
	018	F01	26	15.	21.	25.	47.	67.	105.	110.	125.	125.	52.	31.00	43.73	1.87
	019	H01	26	14.	19.	28.	39.	61.	93.	94.	147.	147.	49.	31.15	40.88	1.85
122 Muskegon	001	F01	26	9.	22.	37.	49.	63.	105.	139.	214.	214.	60.	42.45	49.07	1.96
	010	F01	26	25.	37.	53.	70.	82.	118.	162.	199.	199.	76.	38.64	67.88	1.60
	011	F01	26	11.	26.	43.	51.	71.	150.	189.	348.	348.	73.	68.22	56.43	1.99
122 Saginaw	001	A01	25	41.	50.	57.	76.	94.	129.	135.	160.	160.	82.	31.94	76.65	1.46
123 Dearborn	001	A01	23	47.	59.	112.	123.	198.	212.	249.	260.	260.				
123 Detroit	001	A01	26	45.	61.	85.	111.	141.	224.	269.	324.	324.	128.	67.96	113.21	1.64
123 Marine City	001	F01	21	37.	46.	55.	72.	79.	110.	127.	137.	137.				
123 Mount Clemens	001	F01	26	23.	27.	43.	61.	83.	121.	137.	176.	176.	70.	37.40	61.63	1.71
123 Pontiac	001	F01	25	41.	50.	64.	78.	99.	155.	170.	272.	272.	92.	49.48	82.80	1.54
123 Port Huron	002	F01	26	31.	70.	87.	119.	154.	206.	231.	339.	339.	131.	65.49	116.30	1.66
	003	F01	25	45.	59.	85.	113.	130.	184.	189.	205.	205.	115.	46.22	105.71	1.53
	004	F01	24	17.	23.	42.	50.	82.	99.	99.	126.	126.	61.	30.19	52.75	1.75
123 Royal Oak	001	F01	26	33.	39.	61.	73.	103.	189.	190.	232.	232.	90.	51.43	78.60	1.67
123 St Clair	002	F01	20	38.	44.	65.	77.	103.	123.	153.	189.	189.				
123 Southfield	001	F01	26	23.	30.	52.	59.	71.	144.	164.	198.	198.	73.	41.66	63.74	1.67
123 Trenton	001	A01	26	52.	73.	83.	92.	107.	159.	160.	176.	176.	104.	31.40	99.26	1.34
123 Warren	001	F01	23	41.	48.	77.	89.	104.	142.	158.	209.	209.				
124 Monroe	001	F01	8	50.	50.	87.	108.	119.	142.	142.	142.	142.				
	003	F01	11	28.	45.	61.	72.	89.	141.	200.	200.	200.				
	004	F01	12	44.	49.	64.	91.	140.	185.	186.	186.	186.				
125 Ann Arbor	002	F01	21	36.	47.	83.	91.	101.	137.	137.	140.	140.				
125 Jackson	001	F01	23	15.	22.	34.	46.	60.	88.	99.	102.	102.	51.	24.38	45.10	1.65
125 Kalamazoo	002	F01	24	30.	41.	73.	86.	106.	127.	147.	209.	209.	90.	38.98	82.35	1.57
125 Lansing	001	A01	26	39.	47.	63.	101.	132.	219.	361.	368.	368.	120.	85.70	99.42	1.84
126 Charlevoix	001	F01	26	13.	15.	29.	38.	50.	104.	111.	189.	189.	48.	37.21	39.52	1.86
	002	F01	24	12.	13.	21.	24.	41.	54.	99.	121.	121.	36.	26.53	29.72	1.86
	003	F01	26	8.	14.	23.	28.	53.	108.	115.	116.	116.	43.	30.90	33.47	2.05
	005	F01	26	9.	13.	24.	29.	49.	74.	105.	108.	108.	40.	26.14	33.28	1.88
126 Marquette	001	F01	25	9.	27.	33.	46.	59.	100.	114.	116.	116.	52.	27.37	45.24	1.75
126 Sault Ste Marie	002	F01	23	8.	17.	29.	35.	64.	83.	95.	110.	110.	44.	26.88	37.22	1.87
MINNESOTA																
129 Duluth	001	A01	26	26.	31.	54.	65.	88.	118.	126.	148.	148.	73.	30.13	66.51	1.55
130 Moorhead	001	A01	25	28.	32.	57.	72.	88.	123.	150.	174.	174.	78.	36.71	70.62	1.60
131 Minneapolis	001	A01	26	24.	41.	53.	69.	104.	144.	191.	275.	275.	88.	56.11	74.31	1.77
131 St Paul	001	A01	26	34.	48.	71.	94.	142.	164.	217.	366.	366.	115.	68.75	99.80	1.71
MISSISSIPPI																
005 Jackson	002	A01	21	25.	42.	59.	69.	91.	125.	134.	152.	152.				
005 Jackson Co	001	A03	19	13.	17.	25.	34.	43.	64.	72.	72.	72.				
MISSOURI																
070 Jennings	001	G01	46	20.	53.	71.	83.	106.	122.	135.	160.	160.	86.	28.82	80.17	1.47
070 Lemay	002	G01	51	32.	40.	58.	78.	93.	129.	143.	180.	180.	82.	35.93	74.57	1.57
	003	G01	50	34.	59.	94.	121.	190.	249.	302.	653.	653.	151.	102.66	126.29	1.82
070 St Charles	001	F01	38	29.	39.	55.	63.	85.	132.	158.	441.	441.				
	002	F01	44	17.	31.	41.	45.	64.	94.	130.	223.	223.	58.	36.07	51.14	1.64
070 St Louis	001	A01	16	56.	83.	98.	142.	252.	344.	413.	413.	413.				
	002	A10	167	45.	74.	111.	138.	167.	213.	233.	263.	314.	141.	53.34	130.68	1.50
	002	H01	1	91.	91.	91.	91.	91.	91.	91.	91.	91.				
	006	H01	59	45	61.	83.	108.	134.	206.	265.	317.	317.	121.	59.34	109.18	1.57
	007	H01	50	38.	53.	87.	115.	166.	215.	260.	340.	340.	135.	66.26	120.55	1.64

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MISSOURI — Cont.																
	012	H01	48	13.	46.	62.	82.	93.	123.	134.	179.	179.	80.	33.03	73.25	1.60
	025	H01	47	55.	78.	106.	125.	151.	218.	231.	269.	269.	137.	52.87	127.87	1.48
	027	H01	39	33.	56.	81.	96.	110.	174.	197.	199.	199.	103.	40.17	95.48	1.48
	032	H01	5	81.	81.	94.	144.	158.	218.	218.	218.	218.				
	039	H01	5	72.	72.	155.	172.	194.	211.	211.	211.	211.				
070 St Louis Co	001	H01	50	34.	59.	98.	132.	198.	258.	346.	1209.	1209.	178.	180.55	137.68	1.96
	003	G01	50	16.	29.	47.	58.	80.	107.	133.	263.	263.	70.	41.77	60.03	1.74
094 Clay Co	001	H01	52	1.	1.	63.	94.	124.	178.	204.	278.	278.	95.	66.70	35.31	9.55
094 Grandview	001	H01	39	1.	1.	1.	1.	1.	100.	119.	133.	133.				
094 Independence	001	H01	52	1.	1.	43.	63.	84.	121.	132.	142.	142.	62.	44.99	20.42	9.90
	004	H01	5	47.	47.	59.	64.	73.	87.	87.	87.	87.				
094 Jackson Co	001	H01	31	1.	1.	1.	53.	90.	159.	205.	403.	403.	71.	85.81	15.93	12.10
094 Kansas City	002	A01	21	47.	64.	87.	106.	109.	172.	174.	245.	245.	111.	47.64	102.47	1.51
	003	H01	52	1.	1.	60.	71.	85.	128.	147.	235.	235.	73.	49.67	31.18	7.87
	004	H01	52	1.	1.	82.	101.	120.	157.	185.	243.	243.	95.	53.90	50.01	6.48
	005	H01	52	1.	1.	44.	82.	109.	133.	143.	173.	173.	75.	51.33	25.32	10.09
	010	H01	52	1.	1.	47.	73.	93.	131.	144.	283.	283.	72.	57.45	25.85	9.19
	011	H01	36	1.	1.	1.	123.	243.	348.	353.	539.	539.				
	012	H01	52	1.	1.	78.	95.	111.	144.	153.	215.	215.	83.	54.44	29.44	9.91
	018	H01	52	1.	1.	37.	68.	91.	115.	136.	148.	148.	64.	44.27	23.88	8.79
	023	H01	52	1.	1.	1.	82.	134.	255.	303.	456.	456.	98.	100.70	21.91	13.37
094 St Joseph	002	F01	12	40.	46.	52.	60.	113.	194.	246.	246.	246.				
	003	F01	12	27.	27.	37.	57.	74.	96.	138.	138.	138.				
137 Columbia	001	F01	44	24.	35.	55.	63.	76.	98.	106.	134.	134.	66.	24.05	61.45	1.46
	002	F01	33	35.	41.	52.	61.	77.	100.	123.	205.	205.	69.	31.86	64.12	1.45
	003	F01	28	19.	30.	40.	47.	65.	105.	107.	107.	107.				
	005	F01	33	17.	25.	32.	37.	50.	70.	102.	111.	111.	46.	22.10	41.56	1.55
137 Mexico	001	F01	42	12.	19.	32.	38.	44.	64.	97.	133.	133.	42.	24.45	37.30	1.66
	002	F01	47	30.	48.	73.	108.	141.	232.	251.	364.	364.	123.	72.54	104.51	1.80
	003	F01	47	21.	39.	59.	73.	81.	111.	136.	285.	285.	76.	40.58	69.05	1.55
	004	F01	1	86.	86.	86.	86.	86.	86.	86.	86.	86.				
138 Cape Girardeau	001	F01	40	25.	31.	46.	66.	79.	114.	141.	186.	186.	71.	37.28	62.64	1.68
	002	F01	45	12.	25.	35.	58.	71.	95.	100.	162.	162.	58.	29.55	50.93	1.71
138 Poplar Bluff	001	F01	49	23.	43.	69.	102.	193.	295.	352.	476.	476.	146.	108.05	113.50	2.08
	002	F01	48	18.	21.	25.	34.	51.	75.	86.	94.	94.	43.	22.18	37.63	1.66
138 Sikeston	001	F01	50	15.	27.	40.	47.	58.	80.	100.	116.	116.	52.	21.57	48.05	1.51
	002	F01	50	20.	26.	34.	46.	56.	94.	110.	148.	148.	54.	27.70	47.85	1.61
139 Joplin	001	F01	42	12.	26.	38.	47.	58.	75.	78.	82.	82.	48.	17.83	44.68	1.53
	002	F01	48	18.	41.	56.	80.	100.	174.	359.	468.	468.	104.	91.96	82.44	1.91
139 Shannon Co	002	A03	25	12.	15.	17.	25.	35.	45.	68.	73.	73.	30.	15.86	26.22	1.62
MONTANA																
141 Glacier Nat Park	001	A03	20	2.	4.	10.	16.	21.	45.	45.	69.	69.				
142 Helena	001	A01	20	19.	28.	38.	58.	70.	102.	108.	123.	123.				
NEBRASKA																
085 Omaha	001	A01	26	43	62.	90.	119.	173.	214.	215.	238.	238.	132.	54.84	120.65	1.56
145 Lincoln	002	A01	26	19.	30.	50.	69.	80.	138.	145.	164.	164.	71.	35.65	62.79	1.70
146 Thomas Co	001	A03	22	1.	8.	18.	22.	29.	44.	59.	98.	98.	27.	20.78	20.02	2.51
NEVADA																
013 Las Vegas	001	A01	19	62.	77.	104.	129.	139.	204.	238.	238.	238.				
147 White Pine Co	001	A03	24	2.	5.	13.	16.	23.	27.	27.	27.	27.	17.	8.09	14.01	2.03
148 Reno	001	A01	21	64.	83.	103.	118.	138.	171.	174.	228.	228.				
NEW HAMPSHIRE																
107 Coos Co	001	A03	25	9.	10.	13.	20.	28.	42.	47.	48.	48.	22.	12.07	19.59	1.68
121 Concord	001	A01	26	14.	23.	31.	38.	50.	58.	64.	68.	68.	41.	14.28	37.86	1.49
NEW JERSEY																
043 Asbury Park	002	F01	59	42.	48.	59.	73.	91.	120.	133.	216.	216.	80.	30.95	74.93	1.41
043 Bayonne	001	A01	14	65.	65.	96.	101.	132.	218.	490.	490.	490.				

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1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
NEW JERSEY — Cont.																
	004	F01	52	1.	45.	64.	82.	119.	138.	151.	192.	192.	91.	40.34	76.50	2.31
043 Bloomfield	002	F01	53	24.	33.	47.	65.	74.	90.	128.	162.	162.	64.	28.55	58.65	1.54
043 Bound Brook	001	F01	42	21.	40.	56.	69.	86.	119.	152.	169.	169.				
043 Carteret	001	F01	57	37.	47.	75.	89.	104.	140.	157.	200.	200.	94.	36.47	87.39	1.49
043 Dover	001	F01	44	30.	37.	54.	60.	82.	107.	108.	122.	122.	69.	24.35	64.82	1.43
043 East Orange	002	F01	58	30.	44.	61.	68.	81.	116.	152.	167.	167.	76.	30.51	70.70	1.47
043 Elizabeth	002	A01	25	36.	48.	68.	93.	103.	122.	135.	161.	161.	88.	31.36	82.68	1.48
043 Essex Co	001	F01	51	16.	21.	37.	43.	56.	84.	98.	105.	105.	48.	22.10	42.94	1.61
043 Fairview	001	F01	44	47.	59.	81.	101.	111.	157.	162.	258.	258.	104.	41.77	96.74	1.47
043 Fort Lee	001	F01	61	44.	62.	89.	107.	139.	174.	210.	309.	309.	119.	54.59	107.76	1.55
043 Hackensack	002	F01	20	1.	69.	113.	120.	149.	230.	230.	252.	252.				
043 Hoboken	001	F01	31	79.	107.	130.	144.	162.	194.	239.	297.	297.				
043 Irvington	001	F01	53	27.	38.	52.	63.	77.	111.	134.	137.	137.	70.	28.36	64.26	1.50
043 Jersey City	001	A01	25	54.	69.	74.	96.	111.	151.	160.	192.	192.	99.	34.37	94.18	1.39
	003	F01	58	58.	71.	87.	104.	130.	156.	207.	241.	241.	112.	38.86	106.21	1.39
	004	F01	61	36.	58.	86.	107.	125.	165.	199.	271.	271.	112.	46.73	102.97	1.51
043 Linden	001	F01	59	37.	57.	73.	89.	110.	166.	176.	197.	197.	96.	36.90	89.82	1.45
043 Middlesex Co	001	F01	47	33.	41.	49.	63.	80.	115.	137.	159.	159.	71.	30.59	65.84	1.49
	004	F01	5	43.	43.	43.	68.	78.	84.	84.	84.	84.				
043 Monmouth Co	001	F01	16	23.	26.	37.	43.	55.	60.	63.	63.	63.				
043 Morristown	002	F01	27	27.	44.	54.	68.	89.	123.	130.	170.	170.				
043 Newark	001	A01	24	34.	58.	73.	81.	89.	122.	157.	171.	171.	86.	31.33	81.31	1.42
	003	F01	43	49.	66.	110.	128.	153.	217.	232.	325.	325.	136.	57.33	125.00	1.53
043 Orange	001	F01	53	18.	45.	57.	66.	83.	107.	133.	141.	141.	73.	27.42	67.53	1.48
043 Passaic	001	F01	45	31.	40.	53.	69.	79.	108.	116.	134.	134.				
043 Paterson	001	A01	23	34.	47.	64.	83.	106.	181.	198.	273.	273.	98.	56.83	85.64	1.67
	001	F01	16	42.	47.	55.	74.	91.	123.	125.	125.	125.				
043 Perth Amboy	001	A01	25	22.	41.	52.	89.	105.	135.	184.	204.	204.	87.	44.25	76.42	1.71
	002	F01	50	33.	44.	60.	73.	95.	141.	172.	203.	203.	85.	38.93	77.88	1.54
043 Rahway	001	F01	9	30.	30.	39.	64.	84.	129.	129.	129.	129.				
043 Red Bank	001	F01	34	26.	36.	49.	65.	72.	92.	101.	121.	121.	64.	22.02	60.05	1.43
043 Roselle	001	F01	59	36.	55.	71.	82.	99.	132.	167.	202.	202.	89.	33.23	83.73	1.43
043 Sayreville	001	F01	16	39.	40.	59.	78.	112.	179.	224.	224.	224.				
043 Somerville	002	F01	60	20.	31.	46.	54.	68.	86.	101.	126.	126.	59.	23.21	54.37	1.50
043 South Amboy	001	F01	8	43.	43.	60.	62.	69.	138.	138.	138.	138.				
043 Union City	001	F01	55	43.	59.	77.	96.	111.	144.	160.	214.	214.	99.	34.48	92.93	1.41
043 Westwood	001	F01	61	21.	33.	46.	55.	74.	108.	115.	159.	159.	64.	30.57	57.16	1.59
043 Woodbridge	001	F01	4	36.	36.	50.	50.	68.	150.	150.	150.	150.				
045 Camden	001	A01	26	61.	68.	88.	100.	131.	168.	185.	238.	238.	114.	42.67	107.13	1.42
045 Camden Co	001	F01	3	44.	44.	44.	45.	54.	54.	54.	54.	54.				
	002	A01	26	40.	47.	53.	68.	94.	140.	140.	165.	165.	81.	35.00	74.53	1.52
	004	F01	35	1.	28.	42.	52.	72.	93.	111.	168.	168.				
045 Glassboro	001	A01	26	28.	43.	51.	65.	87.	104.	106.	107.	107.	69.	23.04	64.59	1.45
045 Hamilton	001	A01	19	30.	44.	78.	114.	128.	160.	184.	184.	184.				
045 Trenton	001	A01	41	36.	49.	60.	68.	81.	109.	150.	231.	231.	79.	37.35	73.26	1.46
	001	F01	31	35.	37.	56.	65.	77.	92.	117.	206.	206.				
NEW MEXICO																
014 Farmington	001	F01	51	17.	42.	55.	69.	83.	123.	136.	166.	166.	75.	32.29	67.93	1.57
014 Gallup	001	F01	1	214.	214.	214.	214.	214.	214.	214.	214.	214.				
152 Albuquerque	001	A01	26	42.	53.	75.	86.	105.	144.	146.	240.	240.	97.	40.76	90.34	1.47
	001	H01	24	18.	50.	65.	82.	117.	181.	187.	272.	272.	101.	57.42	86.74	1.78
	002	H01	2	60.	60.	60.	60.	139.	139.	139.	139.	139.				
	003	H01	36	12.	67.	88.	116.	139.	222.	244.	902.	902.				
	004	H01	52	23.	42.	53.	68.	90.	166.	393.	691.	691.	103.	117.73	77.35	1.92
	005	H01	52	47.	63.	78.	92.	131.	204.	232.	854.	854.	133.	127.32	108.35	1.74
	006	H01	37	23.	25.	34.	39.	51.	87.	521.	525.	525.	75.	116.03	48.51	2.09
152 Bernalillo Co	001	H01	51	36.	44.	65.	83.	114.	172.	207.	792.	792.	110.	111.39	88.92	1.80
	002	H01	52	35.	51.	63.	80.	106.	161.	217.	391.	391.	100.	63.37	87.52	1.64
	011	H01	44	45.	62.	79.	101.	131.	206.	240.	814.	814.	133.	120.37	110.18	1.73
	021	H01	49	27.	30.	35.	46.	57.	177.	343.	784.	784.	85.	124.94	56.87	2.09
	031	H01	52	3.	11.	14.	17.	29.	74.	121.	203.	203.	32.	35.96	22.22	2.20
153 Alamogordo	001	F01	39	35.	46.	53.	64.	78.	122.	129.	133.	133.	71.	26.50	67.21	1.42
153 Dona Ana Co	001	F01	1	89.	89.	89.	89.	89.	89.	89.	89.	89.				
153 Las Cruces	001	F01	69	10.	49.	73.	108.	155.	243.	276.	342.	342.	123.	72.68	103.28	1.88
155 Clovis	001	F01	51	17.	42.	64.	76.	90.	118.	155.	485.	485.	87.	65.56	75.08	1.67
155 Hobbs	001	F01	25	28.	34.	43.	57.	65.	115.	120.	147.	147.				
157 Las Alamos	001	F01	41	7.	10.	15.	21.	29.	39.	41.	46.	46.				

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

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Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
NEW MEXICO — Cont.																
157 Los Alamos Co	001	F01	15	15.	17.	22.	29.	30.	41.	46.	46.	46.				
157 Rio Arriba Co	001	A03	20	12.	12.	13.	16.	23.	31.	36.	52.	52.				
157 Santa Fe	002	F01	2	63.	63.	63.	63.	65.	65.	65.	65.	65.				
NEW YORK																
043 Babylon	001	F01	59	17.	34.	49.	62.	79.	111.	141.	385.	385.	72.	51.29	61.74	1.69
043 Dobbs Ferry	001	F01	20	19.	20.	27.	35.	50.	69.	71.	112.	112.				
043 Freeport	001	F01	15	61.	66.	75.	107.	116.	143.	152.	152.	152.				
	002	F01	45	29.	50.	66.	84.	112.	151.	156.	266.	266.				
043 Garden City	001	F01	59	23.	33.	47.	57.	78.	110.	130.	169.	169.	66.	30.33	59.72	1.56
043 Glen Cove	001	F01	60	46.	57.	81.	111.	137.	217.	258.	276.	276.	123.	58.88	110.97	1.59
043 Hempstead	001	F01	52	55.	69.	93.	111.	151.	204.	236.	692.	692.	138.	93.35	121.42	1.59
	003	F01	58	35.	49.	83.	94.	127.	170.	183.	202.	202.	104	41.82	95.19	1.53
	004	F01	61	32.	55.	80.	92.	121.	164.	183.	229.	229.	103.	43.28	94.59	1.54
	005	F01	36	30.	41.	63.	77.	105.	149.	209.	220.	220.				
043 Kings Point	001	F01	47	31.	38.	63.	74.	83.	155.	167.	214.	214.				
043 Mamaroneck	001	F01	56	30.	36.	57.	69.	82.	128.	139.	170.	170.	76.	31.87	70.27	1.50
	002	F01	40	33.	45.	53.	62.	78.	104.	116.	166.	166.				
043 Mount Vernon	001	F01	58	30.	45.	59.	68.	82.	116.	149.	221.	221.	78.	34.47	72.22	1.49
043 Nassau Co	001	F01	60	26.	44.	55.	83.	105.	134.	162.	239.	239.	88.	41.80	78.69	1.61
	002	F01	60	21.	42.	62.	82.	100.	127.	143.	248.	248.	86.	38.51	77.85	1.57
	005	F01	59	24.	32.	51.	63.	89.	118.	127.	152.	152.	71.	31.82	64.19	1.61
	006	F01	59	31	41.	62.	77.	104.	157.	163.	183.	183.	90.	39.99	80.94	1.59
043 New Rochelle	002	F01	50	12.	47.	68.	81	110.	134.	160.	221.	221.	90.	38.72	81.39	1.60
043 New York City	001	A01	25	63.	89.	101.	127.	137.	185.	196.	208.	208.	128.	37.06	122.80	1.35
	050	F01	52	45.	57.	78.	94.	116.	146.	174.	191.	191.	100.	33.58	94.10	1.41
	057	F01	57	43.	54.	78	94.	111.	161.	176.	215.	215.	100.	37.13	93.48	1.44
043 North Tarrytown	001	F01	58	20.	29.	46.	57.	73	95.	106.	188.	188.	62.	29.01	55.71	1.58
043 Ossining	001	F01	53	19	36.	50	57.	78.	91	99.	134.	134.	63	23.21	59.02	1.49
043 Peekskill	001	F01	57	21.	34.	54	67.	88.	125.	154.	172.	172.	75.	36.19	66.98	1.66
043 Port Chester	001	F01	61	29.	47.	58.	71.	87.	118.	138.	201.	201.	78.	32.61	72.46	1.49
043 Rockland Co	001	F01	61	16.	28.	39	46.	63	97.	111.	140.	140.	57.	28.50	50.15	1.65
043 Rockville Centre	001	F01	59	34.	74.	105.	128.	149.	194.	250.	269.	269.	131.	49.66	121.11	1.50
043 Rye	001	F01	56	30.	47	62.	69	89.	123.	143.	189.	189.	79.	31.33	74.07	1.44
043 Southampton	001	F01	61	14.	21.	27	32.	45	63.	73.	157.	157.	40.	21.92	35.47	1.57
043 Suffern	001	F01	62	19.	30	41	55.	70.	83.	93.	127.	127	57.	23.56	52.45	1.55
043 Suffolk Co	001	F01	59	7	29.	53.	66.	86.	121.	147.	160.	160.	71.	35.03	62.30	1.76
	002	F01	61	23	45	75.	105.	157.	217.	264.	452.	452.	127	81.99	105.38	1.88
	011	F01	[illegible]	9.	29	39.	51.	66.	99.	118.	142.	142.	57.	28.58	50.47	1.70
	023	F01	61	11.	23.	44.	56.	71.	101.	129.	185.	185.	62.	35.53	52.17	1.83
043 Westchester Co	003	F01	59	13.	23.	40.	53.	68.	86.	98.	156.	156.	56.	26.65	50.01	1.65
	004	F01	58	11.	17	32.	40.	52.	70.	78.	82.	82.	43.	18.39	38.52	1.62
	005	F01	58	16.	25	37.	46.	57.	71.	91.	154.	154.	50.	25.32	45.34	1.58
	006	F01	55	37.	59	65	77.	103.	134.	178.	277.	277.	89.	41.14	82.59	1.47
043 White Plains	001	F01	52	40.	57.	70.	84.	110.	147.	190.	235.	235.	96.	41.68	88.58	1.50
043 Yonkers	001	A01	26	39.	49	63	74.	93.	136.	152.	152.	152.	84.	32.20	78.42	1.46
	001	F01	52	46.	57.	75.	86.	102	133.	150.	219.	219.	93.	33.38	87.91	1.40
158 Auburn	001	F01	50	19.	34.	46.	51.	65.	96.	132.	142.	142.	61.	27.78	56.04	1.53
	002	F01	51	12.	26.	34.	40.	49.	62.	68.	82.	82.	43.	14.85	40.58	1.44
158 Canastota	001	F01	49	20.	22.	36.	42.	46.	71.	74.	96.	96.	45.	17.46	41.88	1.45
158 Cortland	001	F01	49	19.	30.	43	55.	61.	88.	106.	157.	157.	59.	27.24	53.73	1.53
158 Cortland Co	001	F01	53	11.	21.	28.	35.	42.	63	69.	92.	92.	38.	16.44	35.23	1.53
158 East Syracuse	001	F01	59	39.	53.	80.	97.	127.	189.	233.	265.	265.	110.	50.91	100.12	1.57
	002	F01	56	34.	44.	57.	70.	86	133.	144.	183.	183.	78.	32.58	72.33	1.48
158 Fulton	001	F01	57	13.	26.	35.	47.	59.	85.	111.	124.	124.	51.	25.32	45.53	1.65
158 Hamilton	001	F01	58	11.	17.	26.	31.	38.	61.	65.	76.	76.	34.	15.24	31.08	1.55
158 Jefferson Co	001	A03	26	7.	13.	24.	29.	42.	60.	64.	75.	75.	34.	17.37	29.09	1.78
158 Oneida	001	F01	56	13.	22.	31.	35.	47.	64.	83.	89.	89.	41.	17.29	37.81	1.50
158 Onondaga Co	001	F01	59	11.	23.	34.	38.	46.	62.	72.	140.	140.	42.	19.46	38.30	1.52
	002	F01	57	12.	45.	61	88.	126.	185.	253.	275.	275.	102.	60.69	85.42	1.88
	003	F01	47	16.	24.	36.	43.	50.	67	91.	153.	153.				
	004	F01	51	29.	33.	46.	70.	101.	161.	200.	304.	304.				
	005	F01	36	39.	42.	54.	64.	79.	102.	121.	143.	143.				
	006	F01	46	26.	44.	57.	66.	87.	124.	160.	175.	175.	77	35.52	70.05	1.53
	007	F01	47	20.	36.	53.	60.	75.	103.	106.	170.	170.	67.	28.12	61.58	1.52
	008	F01	54	21.	28.	46.	60.	72.	117.	142.	215.	215.	68.	39.44	59.22	1.67
	009	F01	37	21.	42.	53.	69.	78	108.	116.	150.	150.				
	010	F01	59	33.	48	65.	80.	108.	157.	179.	276.	276.	93.	44.61	84.32	1.56

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NEW YORK — Cont.																
	011	F01	60	9.	23.	37.	44.	60.	94.	113.	156.	156.	54.	29.69	46.50	1.75
158 Oswego	001	F01	53	17.	26.	35.	45.	60.	86.	100.	129.	129.	52.	24.47	46.67	1.57
	002	F01	52	16.	19.	27.	39.	45.	55.	69.	100.	100.	39.	16.97	35.37	1.54
158 Rome	001	F01	57	15.	28.	42.	61.	68.	106.	117.	189.	189.	62.	31.45	54.69	1.64
158 Solvay	001	F01	58	15.	37.	48.	54.	67.	103.	137.	167.	167.	63.	30.69	57.11	1.58
158 Syracuse	001	A01	25	31.	57.	81.	96.	118.	145.	189.	220.	220.	102.	42.88	93.88	1.54
	001	F01	58	40.	76.	95.	113.	137.	188.	222.	257.	257.	124.	47.02	115.48	1.46
	002	F01	59	5.	40.	54.	68.	78.	108.	119.	137.	137.	71.	26.36	64.66	1.63
	003	F01	54	34.	60.	80.	93.	118.	155.	230.	335.	335.	107.	51.44	97.58	1.51
	004	F01	3	42.	42.	42.	62.	64.	64.	64.	*64.	64.				
	005	F01	57	37.	55.	71.	34.	119.	160.	208.	279.	279.	100.	48.26	90.93	1.55
	006	F01	52	31.	45.	62.	79.	94.	142.	184.	217.	217.	86.	39.56	79.13	1.52
	007	F01	22	30.	57.	64.	69.	87.	114.	116.	136.	136.				
	008	F01	25	32.	35.	50.	60.	68.	102.	117.	142.	142.				
	009	F01	26	37.	42.	58.	63.	73.	97.	133.	149.	149.				
158 Utica	001	A01	25	32.	47.	68.	86.	113.	143.	156.	307.	307.	96.	55.08	84.73	1.63
	001	F01	58	34.	45.	60.	75.	99.	145.	201.	235.	235.	87.	43.53	78.84	1.57
158 Watertown	001	F01	42	24.	28.	42.	51.	66.	93.	116.	129.	129.	57.	25.84	51.71	1.55
159 Glens Falls	001	F01	45	25.	30.	47.	57.	73.	98.	108.	145.	145.	62.	27.41	56.87	1.53
159 Ogdensburg	001	F01	47	17.	28.	35.	54.	69.	119.	146.	165.	165.	61.	35.91	51.98	1.74
159 Plattsburgh	002	F01	45	12.	15.	29.	38.	44.	62.	74.	110.	110.				
159 Saranac Lake	001	F01	50	13.	18.	22.	30.	36.	47.	52.	61.	61.	32.	11.76	29.47	1.46
160 Geneseo	001	F01	3	25.	25.	25.	27.	68.	68.	68.	68.	68.				
160 Geneva	001	F01	46	16.	30.	39.	48.	59.	73.	79.	122.	122.	52.	21.31	47.57	1.51
160 Monroe Co	001	F01	61	20.	35.	48.	57.	78.	103.	110.	176.	176.	66.	30.05	59.92	1.56
	002	F01	61	15.	24.	35.	43.	51.	70.	77.	106.	106.	45.	18.79	41.65	1.52
	003	F01	59	12.	24.	33.	40.	48.	73.	80.	85.	85.	44.	17.88	40.25	1.53
160 Rochester	001	A01	26	71.	80.	95.	112.	136.	184.	195.	213.	213.	122.	37.99	116.32	1.35
	001	F01	61	47.	54.	65.	78.	94.	140.	170.	216.	216.	88.	36.52	81.74	1.44
	002	F01	61	30.	42.	58.	68.	78.	91.	104.	127.	127.	69.	20.82	65.72	1.37
	003	F01	59	36.	52.	65.	82.	98.	138.	162.	220.	220.	90.	37.78	83.05	1.47
	004	F01	20	25.	31.	36.	47.	53.	55.	55.	58.	58.				
	005	F01	25	25.	36.	43.	51.	64.	77.	87	89.	89.				
160 Warsaw	001	F01	3	27.	27.	27.	43.	53.	53.	53.	53.	53.				
160 Webster	001	F01	60	14.	26.	31.	39.	49.	66.	71.	86.	86.	43.	15.72	39.75	1.46
161 Albany	001	A01	24	44.	49.	71.	97.	126.	166.	168.	170	170.				
	001	F01	46	23.	38.	51.	70.	98.	123.	146.	216.	216.	78.	38.81	69 54	1.62
	002	F01	53	53.	76.	106.	128.	141.	159.	221.	344.	344.	129.	46.61	122.28	1.40
161 Amsterdam	001	F01	50	10.	36.	53.	65.	79.	104.	116.	129.	129.	68.	27.02	61.68	1.60
161 Cohoes	001	F01	51	21.	30.	49.	65.	85.	104.	118.	144.	144.	68.	29.71	60.80	1.62
161 Colonie	001	F01	1	97.	97.	97.	97.	97.	97.	97.	97.	97.				
161 Columbia Co	001	F01	53	9.	15.	27.	34	47.	63.	69.	78.	78.	37.	16.79	33.02	1.65
	002	F01	57	9.	15.	24.	29.	36.	51.	53.	64.	64.	31.	12.39	28.10	1.55
161 Dutchess Co	001	F01	54	14.	20.	33.	43.	52.	74.	77.	114.	114.	45.	20.66	40.99	1.60
	002	F01	20	37.	38.	42.	47.	56.	80.	88.	101.	101.				
161 Ellenville	001	F01	53	1.	32.	52.	65.	87.	130.	142.	160.	160.	73.	38.69	58.46	2.35
161 Hudson	001	F01	53	14.	33.	45.	62.	81.	121.	131.	210.	210.	71.	39.47	61.57	1.70
161 Johnstown	001	F01	53	12.	20.	30.	41.	49.	68.	98.	99.	99.	44.	21.16	39.45	1.63
161 Kingston	001	F01	58	26.	44.	57.	71.	86.	106.	149.	149.	149.	75.	28.25	70.54	1.45
161 Newburgh	001	F01	53	33.	54.	68.	85.	106.	142.	163.	206.	206.	91.	37.85	83.83	1.51
161 New Paltz	001	F01	60	18.	37.	49.	61.	76.	101.	104.	165.	165	67.	28.08	62.05	1.50
161 Poughkeepsie	001	F01	55	12.	23.	36.	51.	67.	86.	95.	98.	98.	53.	23.87	47.63	1.65
161 Rensselaer	001	F01	52	21.	35.	49.	76.	92.	143.	205.	520.	520.	89.	75.72	71.81	1.85
161 Rensselaer Co	001	F01	56	40.	50.	79.	93.	109.	125.	131.	186.	186.	92.	28.85	87.15	1.41
	011	F01	52	8.	12.	18.	22.	37.	49.	53.	60.	60.	28.	14.07	24.30	1.68
	021	F01	42	9.	22.	41.	56.	76.	91.	94.	125.	125.				
161 Saugerties	001	F01	55	19.	36.	53.	70.	90.	130.	154.	184.	184.	75.	36.95	66.48	1.67
161 Schenectady	001	F01	59	19.	29.	49.	64.	83.	108.	126.	136.	136.	67.	28.98	60.45	1.62
	002	F01	57	19.	37.	50.	62.	78.	139.	150.	204.	204.	73.	38.40	64.28	1.64
161 Schenectady Co	001	F01	44	12.	16.	24.	29.	38.	65.	74.	83.	83.	35.	18.08	31.07	1.64
	011	F01	54	17.	27.	38.	48.	60.	84.	108.	121.	121.	53.	23.62	47.80	1.55
161 Schoharie Co	002	F01	46	17.	30.	40.	53.	66.	88.	107.	189.	189.	59.	32.38	52.06	1.61
161 Troy	002	F01	55	9.	29.	35.	42.	59.	74.	99.	140.	140.	50.	23.51	44.80	1.60
161 Ulster Co	001	F01	56	13.	18.	31.	41.	55.	100.	133.	369.	369.	54.	51.95	42.39	1.91
	002	F01	53	26.	42.	74.	146.	201.	266.	311.	422.	422.	152.	95.16	121.45	2.07
162 Akron	001	F01	46	9.	21.	29.	40.	52.	79.	88.	116.	116.	44.	21.57	39.28	1.62
162 Buffalo	001	A01	24	28.	41.	80.	108.	127.	198.	227.	309.	309.	116.	65.36	99.41	1.79
	001	F01	58	18.	49.	66.	79.	94.	125.	132.	156.	156.	82	29.79	75.87	1.52
	002	F01	56	30.	43.	57.	73.	86.	119.	140.	144.	144.	76.	28.25	71.41	1.46

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

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Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
NEW YORK — Cont.																
	003	F01	57	45.	75.	106.	156.	218.	331.	400.	592.	592.	181.	111.53	153.14	1.79
	005	F01	56	33.	60.	91.	130.	153.	225.	253.	462.	462.	134.	71.42	117.84	1.66
162 Cheektowaga	001	F01	52	29.	55.	70.	81.	116.	165.	196.	210.	210.	100.	44.55	91.36	1.55
162 Erie Co	011	F01	51	19.	25.	30.	38.	52.	65.	73.	91.	91.	42.	16.79	38.96	1.46
162 Lackawanna	001	F01	55	41.	84.	128.	170.	214.	332.	350.	558.	558.	192.	102.64	166.44	1.75
	002	F01	56	39.	57.	87.	108.	178.	217.	256.	291.	291.	131.	63.70	116.63	1.65
162 Lewiston	001	F01	60	11.	32.	51.	60.	93.	152.	198.	216.	216.	81.	51.43	67.23	1.88
	002	F01	20	24.	26.	41.	53.	78.	106.	144.	160.	160.				
162 Lockport	001	F01	61	18.	32.	46.	54.	80.	108.	121.	152.	152.	65.	30.89	58.18	1.61
	002	F01	61	26.	30.	40.	51.	75.	105.	120.	132.	132.	62.	29.44	55.30	1.59
	005	F01	61	20.	36.	46.	58.	83.	112.	115.	219.	219.	69.	35.40	61.41	1.61
	006	F01	50	13.	24.	38.	48.	65.	105.	133.	196.	196.				
	007	F01	4	20.	20.	38.	38.	45.	49.	49.	49.	49.				
162 Niagara Co	001	F01	61	14.	24.	35.	44.	58.	97.	113.	140.	140.	53.	28.56	46.04	1.68
	002	F01	61	15.	29.	42.	57.	73.	96.	107.	117.	117.	59.	25.70	53.48	1.61
	003	F01	2	58.	58.	58.	58.	100.	100.	100.	100.	100.				
162 Niagara Falls	001	A01	26	30.	67.	83.	117.	154.	185.	205.	259.	259.	121.	53.22	108.86	1.61
	001	F01	61	52.	60.	80.	106.	135.	174.	223.	259.	259.	115.	51.78	104.85	1.54
	003	F01	58	29.	49.	67.	94.	122.	203.	257.	276.	276.	111.	61.19	96.27	1.70
	006	F01	58	34.	71.	130.	171.	207.	287.	329.	399.	399.	176.	79.95	157.31	1.66
	007	F01	59	39.	81.	166.	248.	317.	422.	484.	625.	625.	253.	131.17	215.44	1.87
162 North Tonawanda	001	F01	60	36.	58.	76.	98.	119.	159.	184.	213.	213.	104.	41.91	96.01	1.51
	002	F01	61	24.	33.	53.	65.	91.	141.	167.	187.	187.	79.	42.75	68.84	1.71
	004	F01	59	34.	85.	129.	165.	247.	334.	340.	433.	433.	190.	91.41	167.84	1.69
	005	F01	61	39.	46.	74.	86.	104.	156.	170.	220.	220.	93.	40.91	85.21	1.54
162 Sloan	001	F01	60	31.	54.	74.	85.	106.	157.	179.	250.	250.	97.	41.61	89.76	1.49
162 Tonawanda	002	F01	55	40.	51.	72.	87.	111.	165.	173.	199.	199.	95.	37.53	88.21	1.47
163 Binghamton	002	F01	59	37	52.	69.	82.	101.	118.	127.	174.	174.	85.	27.00	81.39	1.37
	003	F01	59	22.	30.	52.	61.	71.	85.	122.	190.	190.	64.	26.96	59.29	1.49
163 Endicott	001	F01	58	17.	31.	39.	53.	73.	100.	126.	149.	149.	61.	29.36	54.08	1.63
	002	F01	59	18.	28.	46.	56.	70.	96.	125.	163.	163.	62.	29.06	56.08	1.59
163 Johnson City	001	F01	52	22.	43.	61.	68.	98.	123.	136.	195.	195.	80.	34.47	72.91	1.54
163 Olean	001	F01	50	16.	26.	45.	55.	68.	88.	103.	393.	393.	63.	52.43	53.52	1.69
164 Cattaraugus Co	002	F01	58	11.	24.	30.	38.	51.	68.	70.	120.	120.	42.	18.81	38.14	1.56
	003	F01	57	17.	24.	33.	40.	50.	79.	87.	94.	94.	45.	18.95	40.95	1.51
	004	F01	58	11.	22.	33.	37.	45.	67.	77.	89.	89.	40.	16.01	37.12	1.51
164 Chemung Co	002	F01	61	18.	28.	40.	49.	57.	86.	96.	141.	141.	54.	24.66	49.34	1.54
164 Corning	001	F01	49	28.	42.	49.	64.	74.	101.	110.	134.	134.	67.	24.01	63.57	1.41
164 Dunkirk	001	F01	52	18.	29.	42.	53.	69.	94.	115.	131.	131.	58.	26.20	52.87	1.58
164 Elmira	002	F01	60	12.	37.	49.	59.	65.	88.	96.	123.	123.	60.	21.06	56.24	1.47
164 Granville	001	F01	11	27.	28.	45.	49.	62.	67.	70.	70.	70.				
164 Hornell	001	F01	44	30.	38.	45.	53.	70.	87.	91.	98.	98.	59.	18.82	55.87	1.38
164 Horseheads	001	F01	60	21.	34.	50.	55.	70.	95.	100.	126.	126.	61.	22.69	57.16	1.47
164 Ithaca	001	F01	49	24.	33.	42.	58.	68.	84.	93.	145.	145.	59.	23.35	54.72	1.47
164 Jamestown	001	F01	51	23.	40.	49.	62.	82.	111.	140.	168.	168.	71.	33.82	63.49	1.61
	002	F01	44	18.	43.	56.	68.	89.	128.	149.	171.	171.	79.	35.27	71.82	1.57
	003	F01	55	25.	35.	49.	65.	84.	117.	187.	247.	247	76.	46.07	66.24	1.67
NORTH CAROLINA																
136 Greensboro	001	A01	26	37.	42.	86.	101.	121.	155.	157.	162.	162.	101.	34.66	94.12	1.51
136 High Point	003	G02	4	46.	46.	57.	57.	61.	75.	75.	75.	75.				
136 Winston-Salem	002	A01	24	61.	75.	101.	117.	142.	172.	208.	270.	270.	126.	46.00	119.24	1.41
165 Catawba Co	001	G01	22	10.	27.	47.	57.	73.	92.	101.	143.	143.				
165 Hickory	001	G02	22	36.	40.	46.	52.	80.	102.	124.	130.	130.				
	002	G01	22	10.	40.	54.	67	80.	92.	138.	157.	157.				
165 Newton	001	G01	11	41.	49.	62.	71.	81.	99.	113.	113.	113.				
166 Durham	001	A01	24	37.	61.	70.	87.	107.	128.	143.	158.	158.	91.	30.97	85.46	1.43
167 Charlotte	001	A01	26	17.	33.	52.	76.	93.	127.	136.	150.	150.	76.	34.61	67.71	1.71
	001	G01	15	41.	68.	91.	102.	109.	147.	168.	168.	168.				
	002	G01	37	40.	58.	81.	98.	137.	158.	224.	252.	252.	110.	46.13	101.47	1.51
	003	G01	26	47.	50.	73.	94.	105.	140.	145.	150.	150.				
	004	G01	40	33.	39.	63.	71.	79.	106.	124.	170.	170.	76.	29.04	71.19	1.45
	005	G01	41	31.	34.	47.	56.	79.	109.	248.	301.	301.	80.	63.24	65.70	1.77
	006	G01	41	50.	72.	122.	147.	164.	218.	260.	313.	313.	151.	61.09	139.15	1.53
	007	G01	32	19.	26.	44.	55.	69.	83.	111.	125.	125.				
	008	G01	35	30.	41.	61.	72.	95.	140.	168.	255.	255.				
	009	G02	36	30.	36.	48.	64.	77.	149.	165.	222.	222.	73.	42.01	64.48	1.63
	010	G01	40	28.	46.	74.	98.	114.	162.	187.	219.	219.	102.	42.15	93.31	1.55

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NORTH CAROLINA — Cont.																
	013	G01	34	20.	37.	56.	64.	77.	133.	203.	207.	207.				
	014	G01	34	14.	26.	40.	48.	55.	62.	65.	68.	68.	46.	13.78	43.62	1.44
167 Lincolnton	001	F01	4	47.	47.	52.	52.	72.	79.	79.	79.	79.	73.	37.42	64.80	1.65
168 Cape Hatteras Nat Park	001	A03	24	33.	44.	71.	89.	114.	148.	154.	177.	177.	92.	39.48	83.85	1.59
NORTH DAKOTA																
130 Fargo	001	F01	25	13.	24.	33.	44.	60.	83.	91.	171.	171.	52.	32.23	45.29	1.73
172 Bismarck	001	A01	23	23.	48.	68.	102.	146.	164.	165.	211.	211.				
	001	F01	25	17.	24.	47.	79.	102.	155.	164.	165.	165.	82.	46.70	68.52	1.92
172 Devils Lake	001	F01	26	20.	24.	38.	58.	73.	95.	97.	167.	167.	58.	31.90	51.15	1.70
172 Dickinson	001	F01	25	8.	15.	40.	56.	66.	94.	112.	126.	126.	55.	29.62	45.63	2.01
172 Grand Forks	001	F01	23	23.	27.	38.	47.	75.	114.	123.	148.	148.	61.	34.25	52.77	1.70
172 Mandan	001	F01	6	11.	11.	41.	46.	61.	83.	83.	83.	83.				
172 Minot	001	F01	23	17.	19.	24.	46.	63.	121.	213.	272.	272.	63.	62.30	46.54	2.10
172 Wahpeton	001	F01	5	27.	27.	33.	45.	90.	324.	324.	324.	324.				
172 Ward Co	002	F01	25	3.	7.	14.	23.	31.	44.	49.	49.	49.	24.	13.68	19.18	2.11
OHIO																
079 Cincinnati	001	A01	24	45.	66.	86.	95.	120.	173.	215.	265.	265.	110.	50.66	100.58	1.52
	001	H01	45	48.	63.	96.	108.	125.	162.	192.	214.	214.	110.	38.93	103.50	1.42
	002	A01	25	35.	41.	48.	71.	81.	141.	142.	149.	149.	76.	35.08	68.76	1.55
	002	H01	45	32.	39.	60.	76.	87.	110.	122.	138.	138.	76.	25.55	71.23	1.44
	003	A10	190	49.	62.	86.	100.	119.	175.	211.	277.	286.	111.	45.95	103.60	1.45
	011	H01	48	32.	57.	71.	77.	93.	107.	108.	153.	153.	82.	22.79	79.28	1.33
	013	H01	47	27.	52.	72.	80.	89.	110.	136.	142.	142.	82.	24.30	78.27	1.37
	014	H01	47	44.	62.	97.	118.	145.	194.	206.	260.	260.	124.	49.50	114.72	1.51
	015	H01	1	74.	74.	74.	74.	74.	74.	74.	74.	74.				
	016	H01	1	96.	96.	96.	96.	96.	96.	96.	96.	96.				
	017	H01	1	64.	64.	64.	64.	64.	64.	64.	64.	64.				
	018	H01	44	37.	65.	80.	88.	108.	138.	141.	216.	216.	97.	32.28	92.41	1.38
079 Forest Park	001	H01	1	37.	37.	37.	37.	37.	37.	37.	37.	37.				
079 Hamilton Co	001	H01	11	47.	79.	83.	90.	96.	97.	103.	103.	103.				
	002	H01	11	49.	63.	81.	84.	114.	133.	151.	151.	151.				
079 Lockland	001	H01	42	52.	76.	106.	137.	166.	233.	280.	395.	395.	150.	75.61	134.72	1.58
079 St Bernard	001	H01	11	112.	127.	138.	170.	204.	274.	289.	289.	289.				
079 Sharonville	001	H01	21	32.	48.	63.	83.	98.	113.	122.	144.	144.				
079 Wyoming	001	H01	34	33.	53.	75.	84.	99.	117.	124.	146.	146.				
103 Akron	001	H01	30	28.	36.	55.	68.	83.	124.	130.	143.	143.				
124 Oregon	002	H01	24	34.	49.	61.	70.	85.	118.	120.	129.	129.	76.	25.85	71.96	1.42
124 Rossford	001	H01	23	29.	36.	63.	85.	101.	123.	129.	186.	186.				
124 Toledo	001	A01	25	41.	44.	60.	78.	99.	117.	127.	157.	157.	82.	29.41	76.57	1.44
	003	H01	21	57.	73.	91.	108.	143.	173.	207.	231.	231.				
	012	H01	25	74.	92.	121.	143.	172.	202.	245.	284.	284.	148.	50.04	140.39	1.39
	013	H01	24	20.	41.	67.	77.	106.	140.	158.	182.	182.	89.	41.56	78.37	1.71
	014	H01	24	48.	63.	90.	111.	128.	172.	189.	195.	195.	113.	40.29	105.48	1.46
	015	H01	24	50.	69.	100.	124.	127.	161.	184.	201.	201.	116.	37.38	110.25	1.42
	016	H01	23	36.	48.	53.	95.	121.	149.	152.	158.	158.	95.	40.21	86.36	1.60
	017	H01	24	44.	69.	101.	117.	148.	206.	264.	301.	301.	131.	60.74	118.86	1.58
	018	H01	25	39.	53.	84.	105.	117.	157.	164.	174.	174.	102.	36.35	95.49	1.48
	019	H01	25	64.	69.	101.	119.	139.	169.	174.	211.	211.	120.	36.39	114.81	1.36
173 Dayton	001	A01	25	27.	49.	72.	91.	111.	170.	172.	203.	203.	102.	44.95	92.15	1.61
174 Akron	001	A01	24	28.	38.	81.	92.	141.	166.	169.	169.	169.				
	002	H01	60	31.	43.	70.	92.	113.	126.	149.	235.	235.	93.	37.55	86.01	1.52
	003	H01	100	25.	34.	60.	73.	98.	128.	133.	157.	175.	79.	33.49	71.67	1.59
	004	H01	60	33.	48.	73.	95.	117.	146.	154.	204.	204.	98.	36.58	91.04	1.49
	005	H01	22	32.	61.	79.	101.	128.	145.	156.	209.	209.				
	006	H01	59	43.	60.	90.	108.	134.	162.	195.	209.	209.	113.	40.11	105.26	1.47
174 Barberton	001	H01	55	29.	73.	89.	109.	130.	160.	187.	192.	192.	110.	35.69	103.74	1.44
	002	H01	32	23.	34.	55.	70.	89.	126.	166.	252.	252.				
174 Canton	001	A01	25	25.	70.	86.	107.	136.	161.	164.	182.	182.	109.	38.60	101.42	1.53
	001	H02	30	16.	67.	107.	131.	148.	188.	193.	209.	209.				
	002	H01	28	54.	62.	83.	104.	127.	155.	180.	185.	185.				
	003	H02	29	36.	72.	113.	126.	151.	205.	214.	229.	229.				
	004	H02	31	27.	69.	90.	120.	142.	172.	178.	202.	202.	117.	42.78	108.08	1.55

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
OHIO—Cont.																
	005	H02	31	56.	76.	90.	118.	140.	159.	217.	275.	275.				
	006	H02	31	35.	64.	74.	97.	108.	132.	171.	245.	245.				
	008	H01	31	26.	52.	69.	91.	114.	127.	134.	185.	185.				
	011	H01	29	55.	86.	114.	137.	151.	214.	218.	301.	301.				
174 Cleveland	001	A01	26	32.	77.	89.	110.	151.	215.	251.	251.	251.	127.	53.68	116.07	1.56
	001	H01	67	41.	82.	116.	157.	197.	266.	287.	366.	366.				
	003	H01	84	36.	61.	98.	112.	136.	188.	196.	237.	237.	117.	45.70	107.50	1.52
	005	H01	92	59.	77.	114.	126.	164.	207.	299.	430.	430.	149.	67.73	136.96	1.49
	006	H01	89	23.	51.	68.	88.	111.	146.	172.	275.	275.	96.	45.51	87.09	1.56
	007	H01	86	29.	51.	68.	89.	112.	145.	161.	180.	180.	93.	36.01	86.44	1.50
	008	H01	100	63.	122.	181.	226.	287.	388.	412.	474.	560.	244.	100.81	223.22	1.55
	009	H01	95	42.	69.	97.	123.	152.	232.	282.	368.	368.	139.	66.58	125.02	1.58
	010	H01	92	14.	51.	74.	94.	119.	196.	215.	347.	347.	109.	60.13	95.06	1.72
	011	H01	101	25.	53.	78.	96.	125.	160.	180.	263.	522.	107.	60.33	95.50	1.62
	012	H01	101	43.	89.	125.	148.	181.	267.	332.	612.	658.	175.	99.31	155.68	1.59
	013	H01	73	65.	110.	147.	186.	259.	362.	395.	639.	639.				
	015	H01	86	25.	65.	89.	110.	137.	197.	201.	317.	317.	121.	53.07	110.05	1.57
	017	H01	91	42.	84.	109.	139.	167.	230.	319.	374.	374.	151.	67.03	137.85	1.54
	020	H01	88	27.	47.	70.	88.	130.	164.	186.	226.	226.	100.	46.83	89.69	1.64
	021	H01	87	29.	49.	67.	89.	112.	167.	199.	315.	315.	100.	50.57	89.78	1.60
	024	H01	68	50.	68.	96.	115.	144.	190.	235.	339.	339.	128.	55.00	118.32	1.49
	026	H01	30	66.	85.	132.	170.	239.	342.	353.	356.	356.				
	027	H01	75	35.	71.	90.	140.	232.	318.	423.	478.	478.	174.	106.88	144.67	1.86
174 Massillon	001	H02	54	29.	76.	101.	127.	144.	180.	195.	218.	218.	123.	40.85	115.17	1.47
174 Painesville	002	G02	1	55.	55.	55.	55.	55.	55.	55.	55.	55.				
174 Stark Co	001	H03	31	17.	45.	60.	86.	101.	116.	179.	184.	184.				
	002	H03	31	22.	57.	66.	95.	111.	138.	166.	187.	187.				
174 Summit Co	001	H03	20	21.	29.	60.	81.	95.	125.	127.	150.	150.				
175 Wayne Co	001	H03	61	23.	40.	52.	64.	81.	103.	107.	155.	155.		27.49	64.15	1.51
176 Columbus	001	A01	26	38.	62.	68.	84.	121.	150.	182.	184.	18[illegible]		38.29	89.73	1.48
178 Youngstown	001	A01	25	50.	66.	92.	116.	136.	219.	361.	401.	401.	[illegible]4.	84.28	116.72	1.66
OKLAHOMA																
000 Picher	525	F01	26	15.	17.	24.	37.	47.	52.	66.	77.	77.				
017 Cherokee Co	001	A03	24	12.	21.	36.	41.	63.	98.	101.	118.	118.	53.	29.14	45.21	1.81
017 Poteau	460	F01	7	30.	30.	51.	62.	82.	403.	403.	403.	403.				
022 Idabel	450	F01	9	51.	51.	99.	141.	156.	241.	241.	241.	241.				
022 Mc Curtain Co	451	F01	2	53.	53.	53.	53.	79.	79.	79.	79.	79.				
	453	F01	24	38.	46.	73.	82.	95.	168.	181.	248.	248.				
	454	F01	31	26.	35.	67.	82.	127.	294.	416.	461.	461.				
184 Bethany	014	F01	77	23.	38.	50.	62.	79.	114.	124.	359.	359.	74.	49.25	64.69	1.60
184 Chandler	080	F01	73	19.	40.	57.	70.	91.	120.	152.	313.	313.				
184 Chickasha	060	F01	52	33.	48.	58.	79.	102.	119.	141.	167.	167.				
184 Edmond	011	F01	80	39.	79.	161.	266.	337.	507.	718.	1343.	1343.				
	016	F01	45	19.	36.	44.	52.	65.	89.	91.	241.	241.				
184 El Reno	100	F01	53	19.	33.	53.	76.	96.	141.	181.	191.	191.				
184 Grady Co	063	F01	49	17.	26.	40.	47.	68.	99.	111.	123.	123.				
184 Guthrie	090	F01	55	13.	52.	66.	82.	94.	147.	159.	273.	273.				
184 Kingfisher	030	F01	74	38.	58.	76.	87.	119.	168.	227.	432.	432.				
	032	F01	41	22.	31.	41.	55.	84.	109.	145.	174.	174.				
184 Midwest City	006	F01	100	12.	39.	55.	62.	81.	103.	122.	374.	1109.	82.	111.83	66.28	1.70
	010	F01	108	11.	30.	47.	58.	68.	98.	127.	298.	357.	67.	48.81	57.70	1.70
184 Moore	043	F01	12	39.	45.	53.	66.	91.	197.	224.	224.	224.				
184 Norman	040	F01	91	14.	33.	51.	62.	79.	121.	217.	490.	490.	78.	62.68	64.64	1.78
184 Oklahoma Co	005	F01	104	15.	33.	45.	57.	67.	93.	130.	229.	301.	64.	38.10	56.34	1.61
184 Oklahoma City	001	F01	70	24.	35.	57.	71.	84.	106.	143.	330.	330.	77.	44.25	68.42	1.59
	002	F01	78	19.	30.	43.	60.	82.	156.	273.	476.	476.				
	003	F01	106	41.	78.	128.	201.	249.	412.	570.	663.	716.	223.	141.82	185.31	1.86
	004	F01	110	10.	36.	53.	69.	83.	153.	226.	415.	419.	87.	69.95	70.24	1.87
	007	F01	86	16.	38.	65.	81.	106.	284.	330.	1716.	1716.	136.	203.99	91.31	2.20
	008	F01	76	21.	52.	68.	91.	133.	186.	244.	1331.	1331.				
	009	F01	105	26.	38.	59.	75.	99.	130.	184.	308.	463.	86.	57.98	74.43	1.69
	012	F01	85	12.	50.	74.	103.	137.	305.	347.	444.	444.	128.	92.57	103.84	1.90
	029	A01	26	26.	48.	60.	64	85.	101.	119.	153.	153.	75.	26.13	70.43	1.44
184 Purcell	070	F01	64	35.	57.	123.	159.	208.	327.	387.	461.	461.				
184 Shawnee	050	F01	45	20.	42.	72.	87.	105.	142.	152.	196.	196.				
	052	F01	7	35.	35.	46.	48.	65.	193.	193.	193.	193.				
184 Yukon	013	F01	82	9.	35.	53.	68.	93.	145.	220.	578.	578.	88.	75.83	70.15	1.91

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
OKLAHOMA — Cont.																
185 Blackwell	591	F01	14	17.	19.	45.	53.	60.	77.	86.	86.	86.				
185 Ponca City	595	F01	10	49.	49.	79.	88.	103.	114.	402.	402.	402.				
185 Stillwater	610	F01	36	20.	35.	47.	56.	75.	87.	88.	241.	241.				
186 Claremore	190	F01	33	4.	25.	58.	77.	113.	181.	194.	337.	337.				
186 Miami	520	F01	38	15.	28.	36.	46.	60.	87.	97.	103.	103.				
	521	F01	14	19.	19.	39.	45.	49.	73.	106.	106.	106.				
186 Muskogee	162	F01	88	15.	34.	50.	65.	87.	135.	165.	443.	443.	80.	57.84	66.12	1.86
	163	F01	35	7.	26.	46.	60.	71.	109.	116.	142.	142.				
186 Okmulgee	150	F01	9	23.	23.	30.	45.	72.	119.	119.	119.	119.				
186 Pryor	180	F01	58	14.	79.	111.	133.	152.	201.	226.	352.	352.				
186 Sapulpa	142	F01	26	3.	30.	47.	65.	81.	106.	107.	107.	107.				
	145	F01	16	12.	13.	20.	29.	46.	75.	86.	86.	86.				
186 Tulsa	001	A01	22	16.	33.	44.	47.	73.	101.	108.	145.	145.	62.	31.34	54.89	1.70
	110	F01	83	23.	30.	48.	60.	107.	186.	206.	433.	433.	88.	67.52	70.04	1.92
	111	F01	104	16.	49.	88.	113.	164.	254.	305.	345.	490.	138.	85.72	113.98	1.91
	112	F01	122	19.	45.	75.	99.	124.	170.	204.	458.	556.	115.	79.73	97.71	1.74
	116	F01	108	13.	56.	87.	107.	141.	186.	222.	370.	467.	120.	65.56	105.31	1.71
	117	F01	96	24.	39.	63.	89.	122.	193.	281.	632.	632.				
	120	F01	104	33.	61.	91.	126.	171.	275.	341.	555.	556.	154.	100.84	129.06	1.82
	125	F01	67	14.	34.	57.	69.	94.	168.	257.	398.	398.	90.	68.64	73.72	1.86
188 Ada	243	F01	36	22.	47.	68.	96.	121.	147.	289.	387.	387.				
	244	F01	36	40.	47.	66.	76.	85.	110.	135.	146.	146.				
188 Ardmore	290	F01	45	23.	32.	48.	68.	95.	151.	156.	236.	236.	79.	46.78	67.70	1.77
188 Coal Co	360	F01	23	19.	30.	33.	56.	75.	118.	160.	168.	168.				
	361	F01	23	16.	28.	39.	59.	121.	185.	189.	233.	233.				
	362	F01	25	17.	18.	22.	26.	34.	59.	72.	85.	85.				
188 Hugo	390	F01	5	39.	39.	52.	55.	101.	173.	173.	173.	173.				
188 Johnston Co	321	F01	56	23.	36.	50.	67.	75.	99.	142.	379.	379.	75.	61.20	64.45	1.65
188 Mc Alester	410	F01	25	5.	25.	47.	69.	78.	157.	177.	214.	214.				
188 Mc Intosh Co	420	F01	2	17.	17.	17.	17.	31.	31.	31.	31.	31.				
188 Murray Co	281	F01	16	17.	17.	23.	50.	86.	146.	217.	217.	217.				
188 Pauls Valley	270	F01	23	31.	57.	66.	83.	90.	108.	116.	137.	137.				
188 Wynnewood	271	F01	8	30.	30.	44.	52.	78.	142.	142.	142.	142.				
189 Altus	750	F01	26	41.	61.	85.	122.	143.	277.	289.	679.	679.				
189 Duncan	660	F01	21	21.	32.	43.	54.	70.	110.	122.	231.	231.				
189 Hollis	762	F01	8	51.	51.	193.	223.	369.	1818.	1818.	1818.	1818.				
189 Lawton	641	F01	52	22.	39.	66.	81.	104.	117.	151.	491.	491.				
	645	F01	8	59.	59.	117.	119.	131.	424.	424.	424.	424.				
189 Sayre	730	F01	24	68.	81.	130.	142.	203.	263.	266.	823.	823.				
OREGON																
190 Bend	001	F01	101	14.	25.	42.	50.	65.	90.	116.	171.	400.	59.	44.56	50.12	1.70
190 The Dalles	001	F01	103	18.	30.	42.	55.	70.	121.	151.	180.	240.	66.	39.91	56.52	1.71
190 Eugene	001	A01	20	8.	9.	38.	56.	83.	106.	124.	156.	156.				
	003	F01	90	15.	33.	55.	74.	95.	153.	173.	214.	214.				
190 Klamath Falls	001	F01	86	21.	34.	49.	67.	94.	136.	160.	195.	195.	78.	40.52	67.89	1.70
	002	F03	5	16.	16.	30.	30.	45.	91.	91.	91.	91.				
191 Baker	001	F01	73	21.	32.	46.	66.	84.	143.	175.	286.	286.	78.	52.61	65.07	1.80
191 La Grande	001	F01	62	9.	22.	32.	50.	78.	101.	134.	180.	180.				
191 Pendleton	001	F01	71	28.	41.	56.	77.	95.	127.	142.	282.	282.	83.	42.03	74.43	1.57
192 Astoria	001	F01	79	9.	19.	28.	34.	46.	75.	88.	137.	137.				
193 Albany	002	F01	87	11.	23.	30.	43.	59.	86.	113.	171.	171.	51.	30.30	43.69	1.75
193 Beaverton	002	F01	107	11.	19.	33.	43.	56.	97.	119.	174.	418.	53.	46.83	43.05	1.84
193 Clackamas Co	002	F01	78	8.	12.	29.	42.	51.	78.	82.	258.	258.	45.	33.30	36.38	1.98
	003	F01	5	40.	40.	42.	60.	93.	184.	184.	184.	184.				
193 Dallas	002	F01	63	8.	16.	24.	30.	37.	52.	60.	94.	94.				
193 Eugene	004	F03	79	4.	16.	28.	45.	67.	95.	115.	177.	177.				
193 Lake Oswego	001	F01	101	10.	28.	46.	72.	103.	147.	212.	258.	338.	84.	57.80	67.42	1.99
193 Lane Co	003	F01	19	23.	28.	39.	50.	59.	114.	126.	126.	126.				
193 Mc Minnville	002	F01	77	12.	17.	26.	35.	43.	66.	90.	99.	99.	38.	19.82	34.16	1.63
193 Milwaukie	001	F01	103	13.	22.	38.	58.	78.	110.	121.	152.	185.	62.	34.15	52.99	1.80
193 Multnomah Co	002	F03	79	4.	8.	22.	35.	49.	64.	88.	153.	153.	38.	25.01	29.82	2.17
193 Oregon City	002	F02	88	4.	21.	35.	50.	62.	99.	144.	176.	176.	56.	34.79	46.74	1.93
193 Portland	001	A01	22	33.	34.	62.	96.	129.	182.	189.	351.	351.	105.	71.49	87.17	1.87
	003	F01	91	10.	21.	29.	39.	53.	72.	104.	132.	132.	45.	25.94	39.21	1.73
	011	F02	90	11.	25.	47.	72.	97.	137.	167.	197.	197.	78.	43.92	65.28	1.91
	015	F02	90	8.	29.	53.	70.	101.	160.	185.	214.	214.	84.	51.05	68.17	1.99
	022	F01	91	3.	8.	15.	24.	37.	57.	75.	102.	102.	30.	21.38	22.90	2.18

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	20	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
OREGON—Cont.																
	023	F02	91	8.	23.	32.	88.	111.	168.	195.	232.	232.	90.	55.28	71.64	2.13
	027	F02	86	6.	12.	24.	51.	67.	90.	112.	202.	202.	51.	34.29	39.72	2.18
	036	F02	91	6.	25.	36.	48.	62.	118.	151.	167.	167.	68.	38.97	49.21	1.90
193 Salem	004	F01	101	10.	25.	35.	49.	62.	83.	97.	142.	148.	52.	26.51	45.76	1.70
193 Springfield	008	F02	92	12.	60.	104.	162.	197.	269.	294.	367.	367.	156.	77.99	132.99	1.86
	009	F01	22	21.	34.	39.	67.	77.	122.	160.	180.	180.	73.	41.74	62.99	1.75
193 Woodburn	002	F01	12	14.	17.	30.	37.	66.	81.	94.	94.	94.				
	004	F01	35	8.	14.	32.	43.	56.	89.	95.	114.	114.				
194 Ashland	001	F01	107	13.	23.	41.	50.	66.	80.	85.	104.	118.	52.	21.74	47.21	1.61
194 Coos Bay	001	F01	89	16.	26.	37.	53.	70.	104.	117.	152.	152.	59.	28.27	51.69	1.67
194 Curry Co	001	A03	24	15.	31.	36.	47.	60.	80.	90.	107.	107.	52.	23.39	46.84	1.65
194 Grants Pass	001	F01	103	13.	29.	42.	57.	76.	125.	139.	247.	249.	68.	43.83	57.99	1.76
194 Medford	001	A01	22	26.	40.	58.	74.	92.	148.	157.	159.	159.				
	001	F01	170	16.	35.	62.	80.	102.	144.	167.	217.	298.	87.	43.67	76.39	1.69
194 Roseburg	001	F01	106	15.	26.	38.	48.	66.	102.	142.	223.	231.	59.	38.08	50.57	1.72
PENNSYLVANIA																
045 Philadelphia	001	AG1	24	87.	93.	100.	111.	173.	217.	224.	287.	287.	144.	55.31	134.69	1.44
	002	A10	149	36.	73.	96.	121.	151.	211.	240.	331.	365.	132.	56.52	121.70	1.51
045 Warminster	001	A01	25	30.	36.	40.	52.	58.	81.	83.	92.	92.	54.	17.38	50.98	1.37
045 West Chester	001	A01	13	61.	63.	75.	92.	131.	143.	233.	233.	233.				
151 Allentown	001	A01	26	59.	86.	102.	110.	122.	179.	201.	228.	228.	120.	38.99	114.21	1.36
151 Hazleton	001	A01	19	17.	36.	66.	79.	99.	204.	276.	276.	276.				
151 Reading	001	A01	26	48.	59.	81.	109.	143.	187.	199.	240.	240.	121.	49.61	110.87	1.54
151 Scranton	001	A01	25	48.	80.	119.	146.	203.	356.	473.	522.	522.	188.	118.79	159.32	1.78
151 Wilkes-Barre	001	A01	23	53.	59.	69.	83.	103.	171.	188.	196.	196.	99.	43.36	91.29	1.48
178 Clarion Co	001	A03	26	17	24.	32.	42.	56.	84.	89.	91.	91.	47.	21.46	42.04	1.60
178 Clearfield Co	001	A03	5	22.	22.	27.	49.	76.	89.	89.	89.	89.				
178 Erie	002	A01	26	29.	38.	61.	74.	130.	176.	197.	242.	242.	98.	55.03	84.17	1.74
195 Altoona	001	A01	25	102.	143.	178.	203.	259.	344.	357.	367.	367.	220.	72.91	208.42	1.39
195 Bethlehem	002	A01	26	51.	64.	74.	90.	118.	172.	233.	317.	317.	109.	58.56	98.36	1.54
195 Johnstown	001	A01	23	63.	94.	112.	138.	152.	175.	175.	261.	261.	137.	39.79	131.57	1.34
196 Harrisburg	001	A01	26	30.	58.	66.	82.	94.	187.	191.	204.	204.	93.	42.62	84.89	1.52
196 Lancaster City	001	A01	8	49.	49.	64.	70.	114.	281.	281.	281.	281.				
	002	A01	10	55.	55.	83.	109.	123.	175.	187.	187.	187.				
196 York	001	A01	26	37.	61.	86.	91.	125.	162.	164.	180.	180.	104.	36.10	97.60	1.44
197 Indiana Co	001	A05	22	19.	33.	40.	53.	70.	85.	86.	113.	113.				
	003	A05	5	19.	19.	44.	45.	50.	55.	55.	55.	55.				
197 Pittsburgh	001	A01	24	58.	80.	103.	122.	145.	213.	267.	276.	276.	137.	57.30	126.86	1.49
PUERTO RICO																
244 Bayamon	002	A01	26	39.	63.	91.	104.	121.	153.	164.	229.	229.	110.	39.06	103.58	1.44
244 Catano	002	A01	26	101.	136.	156.	182.	250.	369.	404.	452.	452.	218.	87.21	203.60	1.44
244 Guayanilla	002	A01	25	36.	43.	54.	67.	80.	98.	109.	112.	112.	70.	21.08	66.57	1.37
244 Ponce	002	A01	25	57.	71.	78.	88.	102.	122.	132.	192.	192.	94.	27.70	91.15	1.30
244 San Juan	001	A01	24	57.	58.	77.	82.	98.	115.	120.	135.	135.	87.	21.46	84.88	1.28
RHODE ISLAND																
120 East Providence	001	A01	24	21.	33.	45.	54.	70.	83.	84.	91.	91.	57.	18.21	53.91	1.43
120 Providence	001	A01	26	35.	62.	78.	85.	108.	139.	148.	151.	151.	93.	29.25	87.98	1.40
120 Washington Co	002	A03	25	10.	16.	23.	29.	40.	58.	63.	81.	81.	33.	17.11	29.52	1.66
SOUTH CAROLINA																
200 Columbia	001	A01	18	35.	44.	63.	73.	90.	142.	170.	170.	170.				
200 Richland Co	002	A03	15	20.	25.	34.	46.	61.	91.	101.	101.	101.				
202 Greenville	001	A01	26	27.	37.	71.	84.	106.	132.	146.	208.	208.	90.	39.18	81.39	1.61
SOUTH DAKOTA																
087 Sioux Falls	001	A01	21	27.	33.	57.	68.	82.	94.	113.	159.	159.				
205 Black Hills Nat Forest	001	A03	23	7.	9.	11.	17.	25.	46.	55.	69.	69.				

PARTICULATE, micrograms per cubic meter (25 C)
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TENNESSEE																
037 Cumberland Co	001	A03	22	14.	24.	31.	34.	54.	65.	71.	96.	96.	43.	19.78	38.84	1.59
037 Nashville	004	G01	47	46.	57.	81.	96.	108.	137.	150.	181.	181.	98.	31.10	93.42	1.38
018 Memphis	001	A01	26	33.	44.	64.	75.	104.	134.	151.	196.	196.	86.	37.66	78.43	1.55
055 Chattanooga	001	A01	26	59.	62.	94.	108.	129.	212.	225.	377.	377.	127.	70.24	113.39	1.58
	006	G01	9	33.	33.	78.	186.	196.	202.	202.	202.	202.				
	018	G01	22	6.	15.	49.	93.	171.	259.	333.	370.	370.				
	020	G01	107	1.	59.	88.	120.	152.	191.	243.	273.	300.				
065 Hamilton Co	001	H01	7	58.	58.	62.	100.	101.	128.	128.	128.	128.				
120 Nashville	006	G01	47	54.	84.	105.	144.	171.	206.	241.	542.	542.	149.	75.86	136.38	1.51
	016	G01	42	34.	47.	66.	88.	113.	202.	258.	435.	435.	112.	79.80	94.04	1.77
	017	G01	41	26.	31.	40.	51.	65.	86.	91.	103.	103.	55.	21.48	51.52	1.48
207 Knoxville	001	A01	19	25.	30.	69.	74.	121.	153.	162.	162.	162.				
	002	A01	26	34.	55.	79.	103.	118.	145.	147.	209.	209.	101.	36.62	94.69	1.46
	003	G01	125	16.	43.	75.	94.	116.	168.	181.	230.	237.	99.	45.34	88.22	1.65
	004	G01	122	32.	59.	94.	117.	163.	235.	286.	444.	457.	139.	78.43	120.36	1.73
	005	G01	124	16.	42.	69.	86.	109.	188.	204.	290.	335.	101.	57.99	86.71	1.75
	006	G01	124	13.	40.	62.	78.	101.	146.	162.	210.	215.	86.	40.79	76.48	1.65
	007	G01	123	15.	39.	73.	88.	111.	172.	187.	243.	249.	97.	49.10	84.65	1.72
	008	G01	123	31.	53.	78.	104.	134.	229.	246.	335.	403.	122.	69.41	105.52	1.71
208 Nashville	001	A01	25	36.	49.	67.	93.	118.	170.	218.	231.	231.	101.	51.14	89.85	1.62
	002	G01	46	38.	53.	66.	90.	119.	156.	157.	266.	266.	96.	43.43	87.78	1.53
	003	G01	45	26.	35.	47.	54.	72.	125.	128.	232.	232.	69.	40.83	60.53	1.62
	005	G01	46	37.	51.	69.	80.	100.	116.	136.	197.	197.	87.	30.03	82.07	1.40
	007	G01	47	57.	71.	92.	131.	155.	225.	236.	352.	352.	138.	62.94	125.70	1.55
	008	G01	43	20.	33.	42.	59.	75.	103.	114.	168.	168.	64.	29.80	58.04	1.58
	009	G01	30	41.	49.	60.	73.	102.	137.	148.	252.	252.	89.	43.98	80.59	1.53
	010	G01	46	26.	39.	49.	68.	103.	150.	167.	366.	366.	84.	57.84	71.35	1.74
	011	G01	32	24.	34.	52.	59.	72.	88.	89.	107.	107.				
	014	G01	45	63.	78.	104.	139.	174.	223.	242.	1375.	1375.	172.	198.05	138.51	1.73
	015	G01	42	22.	34.	40.	53.	65.	88.	92.	170.	170.	58.	27.17	52.81	1.53
	018	G01	41	6.	25.	32.	44.	51.	68.	73.	92.	92.				
	019	G01	42	9.	24.	29.	37.	50.	64.	70.	92.	92.	42.	17.55	38.11	1.57
	020	G01	41	19.	24.	28.	40.	51.	61.	69.	76.	76.	41.	15.37	37.77	1.48
TEXAS																
022 Texarkana	001	F01	26	20.	35.	50.	62.	90.	187.	187.	209.	209.	82.	50.65	69.89	1.79
022 Tyler	002	F01	26	26.	41.	58.	63.	89.	98.	101.	110.	110.	69.	22.42	64.83	1.45
106 Beaumont	001	A01	10	35.	35.	66.	67.	80.	91.	97.	97.	97.				
	001	F01	24	40.	51.	66.	71.	80.	97.	129.	576.	576.	93.	104.76	75.65	1.66
106 Orange	001	F01	23	31.	41.	61.	67.	74.	89.	117.	147.	147.	70.	25.42	65.69	1.44
106 Port Arthur	001	F01	18	30.	30.	42.	47.	54.	61.	106.	106.	106.				
153 El Paso	001	F01	1	125.	125.	125.	125.	125.	125.	125.	125.	125.				
	002	A01	26	69.	100.	113.	138.	174.	268.	292.	311.	311.	160.	65.16	148.92	1.47
	002	G01	25	76.	102.	115.	135.	185.	297.	326.	329.	329.	168.	77.35	153.49	1.53
210 Wichita Falls	001	A01	11	50.	53.	62.	91.	112.	399.	760.	760.	760.				
	001	F01	23	49.	53.	66.	76.	108.	144.	146.	399.	399.				
	002	F01	1	114.	114.	114.	114.	114.	114.	114.	114.	114.				
211 Amarillo	001	F01	21	26.	50.	75.	91.	145.	208.	232.	330.	330.	121.	76.45	99.37	1.93
	002	A01	9	27.	27.	76.	105.	155.	208.	208.	208.	208.				
211 Lubbock	001	A01	11	32.	63.	70.	85.	96.	114.	143.	143.	143.				
	001	F01	16	32.	43.	63.	85.	114.	193.	213.	213.	213.				
	002	G01	10	31.	31.	65.	70.	74.	86.	114.	114.	114.				
212 Austin	001	F01	1	50.	50.	50.	50.	50.	50.	50.	50.	50.				
	002	A01	11	30.	40.	51.	55.	67.	73.	76.	76.	76.				
	002	F01	25	31.	38.	51.	60.	73.	88.	124.	127.	127.	64.	24.54	60.04	1.44
212 Waco	001	F01	26	20.	34.	47.	60.	81.	106.	107.	277.	277.	70.	48.55	60.42	1.71
213 Harlingen	001	F01	21	22.	32.	47.	54.	79.	126.	140.	141.	141.				
213 Laredo	001	F01	26	27.	89.	151.	198.	262.	396.	510.	516.	516.	223.	122.25	187.39	1.97
213 Mc Allen	001	F01	25	28.	63.	86.	106.	137.	172.	182.	192.	192.	110.	41.77	101.80	1.55
213 San Benito	001	F01	23	38.	51.	101.	144.	217.	500.	598.	829.	829.	200.	193.29	143.88	2.22
214 Corpus Christi	001	A01	9	47.	47.	59.	65.	68.	83.	83.	83.	83.				
	001	G01	24	40.	47.	58.	67.	80.	91.	94.	95.	95.	68.	16.34	66.34	1.28
	003	F01	23	19.	24.	31.	45.	57.	65.	70.	103.	103.				
	004	F02	15	34.	37.	44.	70.	88.	120.	122.	122.	122.				
215 Dallas	002	A01	26	71.	74.	84.	102.	121.	137.	150.	160.	160.	105.	25.15	102.11	1.27
215 Fort Worth	001	A01	26	25.	53.	72.	83.	90.	116.	123.	133.	133.	81.	22.78	77.60	1.39
	001	H01	26	37.	61.	78.	91.	106.	124.	147.	168.	168.	95.	27.88	90.47	1.37

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TEXAS — Cont.																
	004	H01	51	[illegible]	32.	70.	89.	106.	166.	200.	356.	356.				
	005	H01	25	13.	36.	59.	72.	83.	124.	159.	187.	187.				
	006	H01	28	28.	38.	59.	75.	101.	131.	163.	205.	205.				
	008	H01	64	15.	26.	44.	52.	64.	89.	116.	139.	139.				
	009	H01	29	1.	49.	101.	124.	187.	365.	371.	553.	553.				
	010	H01	29	29.	31.	60.	70.	92.	137.	153.	183.	183.				
	011	H01	27	19.	23.	45.	61.	70.	104.	105.	134.	134.				
	012	H01	29	24.	30.	45.	62.	78.	92.	102.	305.	305.				
	013	H01	29	17.	31	55.	68.	94.	117.	120.	248.	248.				
	014	H01	28	13.	25.	52.	69.	87.	111.	153.	187.	187.				
	015	H01	27	12.	18.	32.	48.	55.	72.	75.	183.	183.				
	016	H01	22	47.	47.	79.	85.	142.	266.	266.	332.	332.				
	017	H01	14	18.	25.	39.	48.	55.	86.	119.	119.	119.				
216 Baytown	001	F01	23	19.	23.	27.	30.	46.	65.	68.	1167.	1167.				
	002	F01	23	24.	37.	45.	50.	63.	68.	70.	74.	74.				
	003	F01	19	31.	35.	48.	63.	77.	87.	89.	89.	89.				
216 Chambers Co	001	F03	24	20.	22.	25.	28.	44.	78.	86.	96.	96.	40.	21.64	35.14	1.61
	002	F01	26	19.	29.	35.	41.	50.	66.	70.	81.	81.	44.	14.56	41.35	1.39
	003	F01	24	4.	17.	26.	30.	47.	77.	95.	167.	167.	43.	34.03	33.44	2.07
216 Clute City	002	F01	25	28.	37.	77.	102.	109.	150.	154.	206.	206.	98.	40.84	88.80	1.64
216 Galveston	001	F01	8	37.	37.	47.	50.	72.	207.	207.	207.	207.				
216 Houston	001	A01	24	46.	63.	76.	80.	99.	126.	139.	179.	179.	90.	28.50	86.50	1.34
216 Matagorda Co	001	A03	25	15.	18.	25.	33.	36.	43.	45.	49.	49.	31.	9.58	29.58	1.40
216 Pasadena	002	A01	26	27.	43.	58.	72.	98.	131.	132.	142.	142.	80.	31.24	73.93	1.52
216 Texas City	001	F01	26	27.	36.	45.	54.	68.	95.	106.	117.	117.	60.	22.52	56.35	1.44
217 San Antonio	001	A01	26	25.	36.	43.	54.	66.	95.	100.	109.	109.	58.	22.49	53.79	1.43
218 Odessa	001	F01	24	21.	45.	58.	69.	84.	147.	153.	235.	235.				
218 Tom Green Co	001	A03	25	19.	23.	38.	57.	64.	98.	119.	122.	122.	57.	27.21	51.23	1.64
UTAH																
220 Ogden	001	A01	26	34.	38.	73.	92.	124.	148.	156.	189.	189.	98.	40.94	88.90	1.61
220 Salt Lake City	001	A01	25	29.	38.	80.	91.	100.	124.	138.	159.	159.	88.	29.26	82.26	1.48
VERMONT																
159 Addison Co	001	F02	31	17.	21.	32.	55.	75.	103.	106.	135.	135.				
159 Burlington	001	A01	23	12.	37.	51.	60.	80.	96.	105.	131.	131.	65.	27.34	58.60	1.65
	003	F01	105	9.	34.	50.	65.	85.	106.	128.	161.	189.				
	004	F01	116	10.	21.	33.	46.	69.	105.	126.	144.	148.				
159 Rutland	001	F01	89	25.	44.	67.	85.	111.	147.	169.	208.	208.				
221 Barre	001	F01	243	13.	31.	45.	58.	72.	93.	108.	127.	171.	61.	25.32	56.19	1.53
221 Brattleboro	001	F01	31	16.	30.	36.	42.	52.	83.	129.	146.	146.				
221 Orange Co	001	A03	29	13.	17.	21.	28.	35.	56.	57.	59.	59.	30.	12.89	27.84	1.51
VIRGINIA																
047 Alexandria	008	H01	59	26.	49.	91.	109.	132.	167.	179.	222.	222.				
	018	G01	106	30.	42.	51.	62.	75.	99.	111.	167.	188.	68.	26.44	63.51	1.41
047 Arlington Co	002	G01	64	3.	7.	44.	55.	68.	90.	98.	198.	198.				
	003	G02	54	9.	40.	67.	73.	92.	119.	136.	196.	196.				
047 Fairfax	003	G01	124	22.	36.	49.	60.	74.	94.	105.	126.	129.	64.	22.84	59.64	1.44
047 Fairfax Co	001	A01	2	58.	58.	58.	58.	88.	88.	88.	88.	88.				
	006	G01	121	34.	40.	63.	75.	91.	117.	122.	174.	179.	78.	28.56	73.26	1.45
	011	G01	67	30.	39.	50.	60.	72.	97.	106.	132.	132.				
047 Falls Church	003	G01	110	30.	44.	59.	69.	83.	103.	114.	140.	148.	73.	23.64	69.32	1.39
047 Leesburg	001	F02	81	5.	32.	44.	53.	65.	83.	96.	180.	180.				
047 Mc Lean	010	G01	46	28.	33.	46.	54.	72.	90.	99.	125.	125.				
047 Manassas	001	F01	79	16.	35.	51.	82.	97.	143.	166.	178.	178.				
047 Woodbridge-Marumsco	001	F01	59	13.	29.	40.	56.	63.	87.	110.	114.	114.				
207 Altavista	002	F02	68	7.	33.	96.	140.	162.	218.	268.	383.	383.				
207 Bristol	002	F02	79	14.	32.	47.	56.	68.	97.	109.	229.	229.	61.	32.85	54.58	1.59
207 Galax	005	F02	34	35	39.	59.	92.	115.	159.	179.	269.	269.				
207 Saltville	002	F02	58	21.	51.	106.	157.	197.	327.	455.	660.	660.				
207 Wythe Co	001	A03	26	12.	19.	27.	33.	41.	59.	65.	77.	77.	36.	15.81	32.41	1.55
222 Amherst Co	001	F01	25	15.	33.	53.	69.	86.	138.	184.	273.	273.				
222 Bedford	001	F01	36	31.	47.	62.	73.	90.	117.	125.	129.	129.				
	002	F01	17	21.	26.	44.	45.	62.	101.	129.	129.	129.				

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VIRGINIA — Cont.																
	004	F02	12	10.	22.	39.	47.	56.	69.	92.	92.	92.				
222 Bedford Co	002	F02	16	27.	52.	73.	90.	137.	160.	374.	374.	374.				
222 Buckingham Co	003	F02	14	27.	50.	79.	98.	121.	230.	249.	249.	249.				
	004	F02	11	10.	14.	15.	37.	71.	107.	109.	109.	109.				
	005	F02	13	35.	47.	58.	91.	107.	154.	189.	189.	189.				
	007	F02	22	13.	19.	30.	41.	64.	75.	84.	84.	84.				
222 Campbell Co	002	F02	17	25.	33.	49.	61.	103.	145.	156.	156.	156.				
	005	F02	15	28.	33.	54.	75.	79.	103.	110.	110.	110.				
222 Danville	001	A01	25	28.	55.	72.	82.	121.	133.	140.	258.	258.	97.	44.60	88.53	1.55
222 Lynchburg	001	A01	26	42.	68.	85.	118.	146.	230.	237.	270.	270.	125.	55.67	113.91	1.55
222 Martinsville	004	F01	31	31.	38.	55.	64.	74.	88.	107.	113.	113.				
	005	F01	27	27.	31.	57.	69.	81.	111.	113.	124.	124.				
222 Patrick Co	001	F02	3	75.	75.	75.	85.	141.	141.	141.	141.	141.				
222 South Boston	001	F01	14	23.	24.	33.	40.	54.	73.	91.	91.	91.				
223 Chesapeake	001	F02	22	36.	49.	59.	87.	111.	147.	171.	186.	186.				
	004	F02	94	11.	34.	67.	88.	109.	198.	227.	394.	394.				
	005	F02	4	42.	42.	50.	50.	67.	93.	93.	93.	93.				
223 Franklin	002	F01	67	23.	32.	43.	60.	70.	96.	160.	215.	215.				
223 Hampton	001	A01	25	27.	39.	53.	58.	63.	85.	99.	121.	121.	61.	20.96	57.54	1.40
223 Newport News	001	A01	26	34.	43.	58.	68.	82.	95.	99.	125.	125.	71.	21.56	67.27	1.37
	003	F01	75	27.	37.	50.	60.	84.	145.	187.	489.	489.				
223 Norfolk	001	A01	26	34.	49.	66.	79.	99.	110.	122.	185.	185.	83.	30.69	78.24	1.43
	007	F01	65	23.	31.	49.	63.	84.	106.	130.	215.	215.				
	012	F02	11	26.	36.	38.	50.	76.	80.	132.	132.	132.				
223 Portsmouth	001	A01	26	36.	62.	74.	94.	110.	150.	177.	188.	188.	99.	36.42	92.35	1.46
	001	F01	67	26.	37.	51.	61.	73.	89.	122.	238.	238.				
224 Fluvanna Co	003	F02	14	23.	41.	44.	54.	67.	81.	90.	90.	90.				
	005	F02	28	29.	40.	51.	68.	84.	115.	185.	382.	382.				
224 Nelson Co	002	F02	19	11.	19.	47.	106.	180.	319.	358.	358.	358.				
225 Henrico Co	004	F02	18	19.	23.	28.	34.	40.	47.	56.	56.	56.				
225 Hopewell	002	F02	43	44.	60.	79.	92.	116.	152.	196.	417.	417.				
225 Petersburg	002	F01	9	56.	56.	60.	74.	109.	154.	154.	154.	154.				
225 Richmond	002	A01	24	42.	44.	69.	83.	110.	138.	151.	165.	165.	89.	35.39	82.58	1.50
	007	F01	25	45.	62.	71.	88.	116.	150.	161.	173.	173.				
	008	F01	31	40.	57.	78.	91.	114.	143.	166.	342.	342.				
226 Botetourt Co	003	F02	23	24.	42.	76.	165.	402.	788.	987.	1239.	1239.				
226 Clarke Co	001	F02	22	9.	15.	28.	34.	59.	71.	78.	80.	80.				
226 Frederick Co	004	F02	15	42.	53.	69.	81.	116.	185.	195.	195.	195.				
	005	F02	12	57.	66.	89.	93.	98.	135.	173.	173.	173.				
	006	F02	2	64.	64.	64.	64.	148.	148.	148.	148.	148.				
	007	F02	10	27.	27.	68.	72.	103.	109.	124.	124.	124.				
	009	F02	26	19.	22.	46.	57.	89.	213.	245.	510.	510.				
226 Giles Co	001	F02	22	158.	255.	369.	751.	1077.	1411.	1836.	2428.	2428.				
	003	F02	39	16.	53.	82.	118.	158.	257.	293.	296.	296.				
	005	F02	9	24.	24.	54.	64.	82.	127.	127.	127.	127.				
226 Radford	006	F02	12	23.	29.	44.	49.	54.	91.	136.	136.	136.				
226 Roanoke	001	A01	25	40.	50.	76.	103.	116.	140.	162.	169.	169.	99.	35.37	92.52	1.49
226 Roanoke Co	001	G01	20	22.	23.	34.	40.	62.	75.	76.	78.	78.				
	002	G01	40	16.	21.	49.	57.	71.	110.	126.	187.	187.				
	003	G02	80	12.	21.	40.	52.	79.	115.	158.	286.	286.				
	004	G01	75	16.	34.	57.	97.	128.	238.	264.	333.	333.				
	005	G01	82	4.	29.	43.	50.	63.	87.	102.	133.	133.				
	006	G01	93	7.	19.	27.	35.	44.	58.	64.	96.	96.				
	007	G01	48	21.	27.	36.	41.	60.	89.	91.	113.	113.				
	008	G01	61	3.	13.	27.	33.	41.	66.	72.	84.	84.				
	009	G01	91	9.	28.	35.	48.	56.	79.	90.	127.	127.	50.	22.07	45.04	1.61
	010	G01	93	12.	32.	49.	62.	89.	159.	215.	307.	307.	82.	58.33	67.15	1.88
226 Salem	001	G01	85	22.	37.	58.	74.	89.	116.	131.	169.	169.	76.	32.09	69.23	1.56
	002	G01	40	29.	40.	52.	60.	80.	93.	104.	173.	173.				
	003	G01	94	18.	37.	55.	73.	94.	111.	129.	156.	156.	75.	29.55	68.73	1.54
	004	G01	20	29.	31.	40.	46.	64.	98.	102.	109.	109.	59.	26.03	53.66	1.52
	005	G01	34	20.	27.	37.	41.	53.	84.	96.	111.	111.				
226 Shenandoah Nat Park	001	A03	25	12.	18.	23.	32.	40.	57.	58.	61.	61.	34.	14.21	30.73	1.54
226 Vinton	001	G01	89	26.	44.	58.	75.	90.	119.	138.	213.	213.	78.	32.36	72.02	1.50
226 Warren Co	001	F02	31	22.	34.	39.	61.	72.	97.	115.	140.	140.				
226 Waynesboro	004	F02	65	10.	28.	40.	64.	80.	105.	118.	249.	249.				

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
WASHINGTON																
000 Auburn	001	I01	24	14.	19.	33.	53.	71.	79.	102.	113.	113.				
062 Spokane	001	A01	26	31.	34.	63.	69.	93.	192.	225.	382.	382.	96.	75.33	79.04	1.82
	011	F01	91	29.	50.	64.	90.	115.	180.	215.	479.	479.	105.	65.43	90.60	1.69
193 Centralia	001	I01	89	8.	12.	23.	31.	38.	64.	72.	148.	148.	35.	23.23	29.84	1.80
193 Vancouver	002	F01	51	23.	32.	44.	56.	69.	110.	120.	150.	150.				
	004	I01	86	263.	417.	566.	728.	980.	1287.	1552.	2011.	2011.	806.	374.26	728.64	1.58
227 Wenatchee	001	F01	89	18.	39.	51.	63.	86.	123.	158.	318.	318.	78.	50.68	67.06	1.69
228 Bellingham	003	I01	80	12.	21.	50.	69.	117.	200.	259.	384.	384.	103.	81.87	76.05	2.26
	004	I01	87	13.	21.	46.	74.	110.	166.	189.	239.	239.	84.	55.01	65.73	2.12
228 Grays Harbor Co	002	I01	70	7.	11.	22.	30.	41.	51.	59.	106.	106.				
228 Lacey	001	I01	87	9.	17.	31.	48.	58.	91.	101.	122.	122.	51.	27.12	43.78	1.80
228 Olympia	001	F01	27	15.	19.	27.	34.	63.	115.	126.	168.	168.				
228 Port Townsend	001	I01	66	6.	13.	20	25.	33.	49.	55.	70.	70.	28.	13.23	25.02	1.63
228 Raymond	001	I01	82	16.	24.	34.	49.	66.	104.	111.	134.	134.	55.	29.00	47.81	1.71
228 Shelton	001	I01	87	11.	23.	35.	46.	66.	101.	136.	194.	194.	56.	35.32	47.10	1.80
228 Skagit Co	002	I01	88	19.	36.	88.	159.	335.	772.	960.	1989.	1989.	307.	363.38	170.08	3.07
	005	I01	87	16.	41.	137.	328.	1199.	2235.	2730.	4286.	4286.	828.	981.37	330.80	4.61
228 Whatcom Co	001	I01	87	8.	15.	24.	35.	44.	78.	84.	110.	110.	38.	21.92	32.44	1.78
229 Auburn	002	I01	73	18.	29.	45.	56.	69.	88.	115.	135.	135.				
229 Bellevue	001	I01	32	14.	21.	31.	40.	47.	61.	97.	113.	113.				
	002	I01	66	14.	20.	28.	37.	45.	54.	83.	124.	124.				
229 Bremerton	001	F01	85	10.	19.	28.	34.	42.	55.	62.	85.	85.	36.	14.42	33.26	1.51
	002	I01	24	15.	16.	21.	26.	37.	44.	65.	83.	83.				
229 Everett	001	I01	16	12.	19.	32.	51.	65.	84.	131.	131.	131.				
	002	F01	45	26.	38.	46.	56.	64.	86.	96.	131.	131.				
	003	I01	84	17.	30.	47.	56.	62.	85.	111.	133.	133.				
229 King Co	001	I03	89	2.	4.	9.	15.	26.	36.	40.	54.	54.	18.	12.58	13.58	2.23
	002	A03	24	11.	19.	27.	31.	42.	60.	61.	73.	73.	36.	16.22	32.41	1.62
229 Marysville	001	I01	99	13.	23.	37.	59.	74.	116.	137.	212.	212.	63.	36.63	53.54	1.81
229 Pierce Co	001	I01	86	8.	20.	40.	55.	71.	107.	149.	229.	229.	63.	40.08	51.47	1.94
229 Renton	001	I01	96	8.	13	28.	40.	49.	75.	101.	137.	137.	42.	25.40	35.23	1.89
	002	I01	84	20.	34.	51.	60.	75.	105.	130.	213.	213.				
229 Seattle	001	A01	25	25.	36.	47.	51.	79.	128.	129.	207.	207.	70.	41.46	61.55	1.67
	001	I01	70	24.	35.	48.	55.	70.	105.	134.	151.	151.	63.	28.72	57.81	1.51
	002	F01	89	22.	28.	42.	50.	62.	89.	122.	144.	144.	55.	25.50	50.29	1.54
	004	I01	83	17.	43.	65.	79.	94.	135.	164.	238.	238.				
	WJ5	I01	16	25.	53.	79.	103.	149.	211.	232.	232.	232.				
	006	I01	16	23.	34.	46.	71.	99.	128.	167.	167.	167.				
	007	I01	95	20.	28.	35.	45.	54.	73.	94.	119.	119.	49.	20.84	45.32	1.48
	009	I01	102	11.	31.	41.	47.	55.	80.	104.	124.	135.	52.	22.38	48.44	1.49
229 Tacoma	001	A01	26	24.	35.	43.	60.	74.	134.	166.	181.	181.	72.	42.34	62.12	1.71
	001	I01	77	14.	25.	50.	61.	72.	161.	236.	442.	442.	80.	73.07	62.18	1.99
	002	I01	13	13.	15.	24.	49.	57.	126.	163.	163.	163.				
	003	I01	94	11.	19.	38.	56.	75.	105.	136.	171.	171.	61.	36.23	50.56	1.95
	004	I02	92	23.	46.	62.	80.	103.	158.	196.	283.	283.	93.	51.17	81.76	1.66
	005	F01	86	22.	34.	48.	67.	90.	137.	189.	276.	276.	79.	46.66	68.10	1.71
	005	I01	81	17.	31.	55.	75.	103.	149.	180.	234.	234.				
	006	F01	87	8.	16.	45.	75.	104.	220.	358.	430.	430.	100.	94.92	66.86	2.55
230 Sunnyside	001	I01	50	25.	58.	77.	103.	132.	170.	323.	380.	380.				
230 Toppenish	002	I01	22	29.	39.	58.	63.	113.	159.	171.	194.	194.				
230 Yakima	001	I01	53	26.	47.	64.	83.	109.	145.	185.	414.	414.				
	002	I01	36	1.	50.	61.	81.	113.	176.	192.	212.	212.				
230 Yakima Co	001	I01	19	8.	13.	23.	29.	44.	105.	122.	122.	122.				
WEST VIRGINIA																
234 Charleston	001	A01	26	64.	75.	110.	139.	224.	345.	399.	441.	441.	183.	110.44	156.18	1.76
234 South Charleston	001	A01	26	34.	56.	77.	113.	166.	281.	293.	296.	296.	135.	73.37	117.12	1.74
236 Montgomery	001	F02	4	32.	32.	50.	50.	72.	92.	92.	92.	92.				
WISCONSIN																
000 Milwaukee	026	H01	75	14.	28.	41.	57.	71.	106.	114.	152.	152.				
073 Beloit	001	F01	88	17.	30.	49.	68.	91.	110.	125.	152.	152.				
	002	F01	78	28.	36.	59.	73.	93.	154.	182.	288.	288.				
	003	F01	83	17.	31.	49.	75.	85.	127.	132.	177.	177.				
128 Eau Claire	002	A01	24	26.	33.	43.	58.	70.	90.	96.	120.	120.	61.	24.13	56.23	1.51
129 Superior	001	A01	23	35.	44.	65.	80.	94.	123.	134.	140.	140.	81.	29.22	76.22	1.46

PARTICULATE, micrograms per cubic meter (25 C)
HI-VOL GRAVIMETRIC, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
WISCONSIN — Cont.																
	002	F02	22	1.	22.	41.	50.	69.	113.	118.	124.	124.				
237 Door Co	001	A03	20	4.	10.	14.	18.	23.	61.	75.	98.	98.				
237 Fond Du Lac	001	F01	11	20.	26.	45.	54.	67.	111.	115.	115.	115.				
239 Burlington	001	F01	22	33.	42.	62.	74.	90.	99.	111.	127.	127.				
239 Franklin	012	G03	226	12.	31.	41.	54.	78.	112.	127.	191.	204.	65.	35.09	56.34	1.69
239 Kenosha	001	A	24	22.	33.	54.	72.	90.	117.	134.	134.	134.				
	004	F01	34	36.	43.	55.	75.	99.	128.	141.	163.	163.				
	005	F01	20	39.	44.	75.	104.	127.	188.	189.	374.	374.				
	006	F02	29	33.	36.	45.	57.	85.	129.	129.	132.	132.				
	007	F05	9	29.	29.	57.	66.	87.	111.	111.	111.	111.				
	008	F02	17	44.	45.	54.	65.	76.	105.	119.	119.	119.				
	009	F02	16	27.	49.	55.	69.	99.	145.	174.	174.	174.				
	010	F02	37	20.	39.	53.	66.	88.	179.	200.	228.	228.				
239 Milwaukee	001	A01	25	30.	39.	67.	93.	121.	171.	186.	272.	272.	105.	55.84	91.33	1.72
	008	G01	238	1.	36.	56.	73.	94.	143.	170.	216.	266.	82.	44.48	69.07	2.12
	009	G01	248	1.	37.	54.	69.	86.	132.	149.	187.	258.	77.	38.57	65.41	2.16
	013	G01	246	1.	54.	79.	100.	129.	177.	211.	289.	304.	110.	53.04	94.45	2.09
	014	G02	41	60.	81.	113.	126.	144.	177.	210.	218.	218.				
	018	G02	92	74.	95.	125.	163.	213.	316.	345.	624.	624.				
	019	G01	235	1.	33.	52.	69.	93.	136.	155.	211.	240.	77.	41.72	62.97	2.28
	020	G01	91	1.	55.	76.	88.	115.	174.	188.	268.	268.				
	022	G01	128	1.	40.	64.	84.	104.	136.	163.	188.	208.				
	025	G01	75	1.	40.	56.	74.	89.	126.	135.	187.	187.				
	027	G01	65	1.	25.	41.	52.	74.	108.	122.	164.	164.				
	028	G02	21	35.	51.	55.	67.	90.	136.	141.	193.	193.				
	029	G02	21	61.	70.	106.	113.	126.	173.	192.	228.	228.				
	099	G01	244	1.	64.	96.	122.	148.	202.	237.	282.	325.	128.	55.99	111.14	2.10
239 Port Washington	001	F01	17	24.	24.	46.	62.	68.	104	112.	112.	112.				
239 Racine	001	A01	24	16.	31.	56.	61.	85.	124.	138.	170.	170.	71.	36.72	62.00	1.78
	003	F01	5	137.	137.	178.	181.	261.	283.	283.	283.	283.				
	004	F05	10	27.	27.	64.	86.	104.	143.	202.	202.	202.				
239 Racine Co	001	F01	19	26.	31.	51.	63.	78.	125.	142.	142.	142.	69.	32.04	62.20	1.61
	002	F01	24	33.	39.	51.	81.	95.	137.	138.	142.	142.	81.	34.49	74.01	1.57
	003	F01	24	19.	24.	44.	76.	80.	126.	146.	161.	161.				
239 South Milwaukee	024	G01	78	1.	26.	41.	54.	72.	116.	123.	155.	155.				
239 Walworth Co	001	F01	19	21.	26.	39.	51.	69.	93.	99.	99.	99.				
239 Waukesha	001	F01	24	47.	56.	80.	93.	102.	131.	147.	158.	158.				
239 Wauwatosa	002	G01	245	1.	33.	53.	68.	92.	145.	160.	219.	243.	78.	41.96	64.63	2.15
239 West Allis	017	G01	39	34.	47.	56.	62.	73.	107.	132.	141.	141.	70.	24.16	66.25	1.37
	021	G02	47	1.	50.	85.	103.	133.	174.	182.	208.	208.				
	023	G02	73	1.	58.	71.	93.	114.	165.	181.	234.	234.				
239 West Bend	001	F01	22	16.	29.	42.	54.	83.	112.	141.	146.	146.				
239 Whitewater	001	F01	21	20.	27.	40.	59.	77.	88.	99.	106.	106.				
240 Madison	001	A01	26	24.	37.	58.	64.	93.	118.	139.	149.	149.	74.	31.93	67.78	1.57
	002	F02	25	27.	44.	73.	81.	91.	113.	136.	187.	187.				
	003	F02	14	1.	27.	39.	55.	82.	140.	157.	157.	157.				
	004	F01	14	22.	38.	67.	73.	107.	128.	132.	132.	132.				
	005	F01	23	17.	42.	50.	55.	83.	109.	111.	133.	133.				
	006	F01	15	28.	39.	45.	53.	69.	79.	97.	97.	97.				
	008	F02	25	1.	38.	65.	86.	109.	148.	159.	199.	199.				
WYOMING																
241 Casper	001	A01	26	23.	28.	41.	58.	80.	103.	111.	128.	128.	63.	28.94	56.51	1.62
242 Cheyenne	001	A01	23	11.	20.	29.	35.	47.	54.	54.	56.	56.	37.	13.19	34.11	1.53

CARBON MONOXIDE, milligrams per cubic meter (25 C)
INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
CALIFORNIA																
024 Anaheim	001	I01	7481	.2	2.3	4.6	5.7	8.0	10.3	11.5	14.9	23.0				
024 Azusa	002	I01	8444	1.1	1.1	3.4	4.6	5.7	8.0	9.2	12.6	18.4	4.9	2.70	4.08	1.94
024 Burbank	002	I01	8488	1.1	2.3	4.6	5.7	9.2	14.9	19.5	31.0	52.9	7.9	6.06	6.01	2.15
024 Lennox	001	I01	8352	1.1	3.4	5.7	6.9	9.2	16.1	20.7	29.9	55.2	8.4	5.72	6.92	1.86
024 Long Beach	002	I01	8508	1.1	2.3	3.4	5.7	6.9	12.6	16.1	24.1	50.6	6.7	4.79	5.41	1.96
024 Los Angeles	001	I01	8388	1.1	2.3	4.6	5.7	8.0	12.6	16.1	25.3	42.5	6.9	4.72	5.71	1.86
	002	I01	8448	1.1	2.3	4.6	4.6	6.9	11.5	14.9	23.0	37.9	6.3	4.22	5.29	1.82
024 Los Angeles Co	001	I01	8381	1.1	1.1	3.4	5.7	8.0	13.8	18.4	29.9	62.1	7.0	5.91	5.23	2.22
024 Ojai	001	I01	7403	.2	.2	1.1	2.3	3.4	4.6	4.6	6.9	10.3				
024 Pomona	001	I01	8522	1.1	2.3	3.4	4.6	6.9	10.3	13.8	20.7	33.3	5.7	4.07	4.57	1.99
024 Redlands	001	I01	8386	.2	1.1	2.3	3.4	4.6	6.9	8.0	12.6	21.8	4.1	2.40	3.42	1.88
024 Riverside	001	I01	5574	.2	2.3	4.6	6.9	10.3	14.9	18.4	24.1	34.5				
024 San Bernardino	001	I01	8485	.2	2.3	3.4	4.6	5.7	8.0	10.3	14.9	23.0	4.7	2.68	4.11	1.72
028 Chico	001	F01	2626	.2	1.1	1.1	2.3	2.3	5.7	6.9	12.6	19.5				
028 Sacramento	002	F01	8248	.2	.2	1.1	2.3	2.3	4.6	6.9	11.5	36.8	2.5	2.42	1.70	2.60
030 Burlingame	001	I01	8456	1.1	2.3	2.3	3.4	3.4	5.7	8.0	10.3	25.3	3.6	1.97	3.23	1.59
030 Napa	001	F01	7733	.2	.2	1.1	2.3	2.3	3.4	4.6	8.0	14.9				
030 Oakland	004	F01	8600	.2	1.1	2.3	2.3	3.4	5.7	6.9	10.3	19.5	3.1	2.09	2.56	1.83
030 Pittsburg	001	I01	8096	1.1	1.1	1.1	2.3	2.3	3.4	4.6	5.7	11.5	2.0	1.14	1.79	1.62
030 Redwood City	001	I01	8584	1.1	1.1	2.3	3.4	3.4	4.6	6.9	9.2	19.5	3.4	1.61	[illegible]02	1.59
030 Richmond	001	I01	7307	1.1	1.1	2.3	2.3	3.4	4.6	5.7	9.2	20.7				
030 San Jose	003	I01	3416	1.1	2.3	2.3	3.4	4.6	6.9	9.2	11.5	18.4				
030 San Rafael	001	I01	7615	1.1	1.1	1.1	2.3	2.3	4.6	5.7	10.3	21.8				
030 Santa Rosa	001	F01	8607	.2	1.1	1.1	2.3	2.3	3.4	4.6	6.9	12.6	2.2	1.18	1.95	1.63
031 Bakersfield	001	A01	8310	.2	1.1	1.1	2.3	3.4	5.7	6.9	12.6	24.1	2.8	2.36	2.21	1.99
031 Fresno	001	A01	4501	.2	1.1	1.1	1.1	2.3	3.4	4.6	8.0	13.8				
031 Stockton	002	F01	7599	1.1	1.1	1.1	1.1	2.3	2.3	3.4	8.0	16.1				
031 Visalia	001	F01	6460	.2	1.1	1.1	1.1	2.3	3.4	3.4	6.9	18.4				
COLORADO																
036 Denver	002	A10	7920	.2	2.3	3.4	5.7	8.0	12.6	16.1	26.4	67.8	6.8	5.21	5.23	2.20
DISTRICT OF COLUMBIA																
047 Washington	003	A10	7748	.2	1.1	2.3	3.4	4.6	6.9	9.2	13.8	51.7	4.0	2.96	3.17	2.15
ILLINOIS																
067 Chicago	002	A10	8169	.2	2.3	4.6	6.9	9.2	13.8	17.2	23.0	40.2	7.4	4.98	5.56	2.42
	004	H01	1650	.2	2.6	6.8	9.9	12.2	16.2	18.1	24.1	56.2				
	005	H01	1	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3				
	006	H01	7	1.4	1.4	2.5	2.5	3.7	3.7	3.7	3.7	3.7				
	008	H01	1	.2	.2	.2	.2	.2	.2	.2	.2	.2				
	009	H01	2062	.2	1.0	1.8	3.1	4.1	6.2	7.9	14.3	25.9				
	010	H01	2099	.3	1.4	1.5	2.9	3.9	7.0	7.9	9.8	35.5				
	027	H01	1971	.6	2.2	5.5	7.2	9.4	12.6	14.7	22.3	38.4				
MICHIGAN																
123 Port Huron	003	F01	1846	.2	2.3	2.3	3.4	3.4	4.6	4.6	5.7	9.2				
MISSOURI																
070 St Louis	002	A10	5452	.2	2.3	3.4	4.6	5.7	8.0	10.3	16.1	33.3				
094 Kansas City	022	H01	209	1.0	1.0	2.0	3.0	4.0	7.0	10.0	14.0	22.0				
NEW JERSEY																
043 Asbury Park	001	F01	2903	.2	2.1	3.2	4.1	6.0	8.5	10.2	13.6	22.1				
043 Bayonne	003	F01	7714	.2	.2	.9	1.5	2.1	3.2	3.9	5.8	10.9	1.7	1.23	1.25	2.36
043 Elizabeth	003	F01	2983	1.2	2.5	4.6	6.8	10.5	16.7	19.4	26.2	40.3				
043 Freehold	001	F01	3026	1.3	1.4	1.6	3.1	5.7	10.3	13.1	20.1	47.5				
043 Hackensack	001	F01	3119	.2	.6	1.4	2.4	3.3	5.5	7.5	12.1	22.3				
043 Jersey City	002	F01	2818	1.3	2.9	5.9	8.6	11.5	17.0	20.0	28.2	40.1				
043 Linden	001	F01	1379	1.1	1.1	1.1	2.3	3.4	5.7	8.0	17.2	20.7				
043 Middlesex Co	001	F01	1352	1.1	1.1	1.1	2.3	3.4	4.6	5.7	8.0	13.8				

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CARBON MONOXIDE, milligrams per cubic meter (25 C)
INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
NEW JERSEY — Cont.																
043 Morristown	001	F01	2656	1.3	1.5	2.2	2.9	4.2	8.0	10.4	16.1	21.9				
043 Newark	002	F01	7614	.2	2.0	3.9	5.5	7.6	11.2	13.3	17.8	35.0	6.2	3.82	4.96	2.13
043 Paterson	003	F01	2804	.2	2.2	3.8	5.3	7.3	11.3	13.6	18.5	33.2				
043 Perth Amboy	003	F01	2901	.2	1.2	2.9	4.6	7.1	11.2	13.3	18.2	27.6				
043 Somerville	001	F01	2932	1.2	2.1	3.7	5.3	7.6	12.6	15.2	21.0	29.8				
045 Burlington	001	F01	3008	.2	4.1	6.4	9.2	13.0	22.7	26.7	35.9	52.8				
045 Camden	003	F01	6952	.2	.8	1.7	2.5	3.3	5.3	6.4	11.8	35.0				
	004	F01	2867	1.3	2.6	3.5	4.5	5.8	8.2	10.2	14.9	27.0				
045 Camden Co	001	F01	1088	.2	.6	1.9	3.6	5.0	6.4	7.1	9.7	20.7				
045 Pavlsboro	001	F01	3064	1.3	2.1	3.5	4.6	5.8	8.0	9.9	13.7	26.2				
045 Penns Grove	001	F01	2681	1.3	1.4	2.6	3.6	5.5	9.5	12.0	17.2	36.7				
045 Trenton	002	F01	3011	1.3	4.3	6.8	9.7	14.1	22.0	25.8	33.1	44.2				
150 Atlantic City	002	F01	2834	1.3	3.1	5.1	7.1	10.6	18.1	22.1	29.3	51.2				
150 Toms River	001	F01	2865	1.3	2.0	3.3	5.3	8.5	14.0	17.6	23.9	43.7				
151 Phillipsburg	002	F01	2995	1.3	2.2	3.2	4.0	5.0	7.1	8.4	11.4	19.6				
NEW MEXICO																
152 Albuquerque	002	H01	1781	.2	1.1	2.3	3.4	4.6	8.0	11.5	17.2	34.5				
NEW YORK																
043 New York City	014	H01	6844	1.1	2.3	2.3	3.4	4.6	5.7	6.9	10.3	24.1				
	023	H01	7223	.2	8.0	13.8	17.2	21.8	31.0	36.8	50.6	77.0				
	058	H01	8443	.2	4.6	8.0	12.6	17.2	25.3	29.9	39.1	74.7	14.2	8.46	11.60	2.01
	060	H01	7031	.2	3.4	5.7	9.2	13.8	19.5	21.8	27.6	46.0				
	062	H01	3961	1.1	6.9	12.6	17.2	25.3	35.6	41.4	54.0	77.0				
OHIO																
079 Cincinnati	003	A10	2859	.2	.2	1.1	2.3	3.4	4.6	5.7	10.3	24.1				
174 Akron	013	H01	4223	.2	.8	1.6	2.5	3.4	5.5	6.9	11.5	23.2				
OREGON																
193 Portland	002	F01	8640	.6	1.1	2.3	3.4	5.7	10.3	12.6	20.7	50.6	4.6	4.39	3.12	2.40
PENNSYLVANIA																
045 Philadelphia	002	A10	6984	.2	2.3	3.4	3.4	4.6	6.9	8.0	12.6	34.5				
UTAH																
220 Magna	001	F02	3830	2	1.1	2.3	2.3	3.4	5.7	5.7	8.0	11.5				
220 Provo	001	F01	6147	.2	.2	1.1	2.3	3.4	6.9	8.0	12.6	24.1				
220 Salt Lake City	001	F01	6146	.2	2.3	3.4	5.7	6.9	11.5	13.8	21.8	44.8				
VIRGINIA																
047 Seven Corners	004	G01	398	.6	2.3	4.0	5.7	6.9	8.6	10.3	16.1	20.7				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL WEST-GAEKE COLORIMETRIC, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
COLORADO																
036 Denver	002	A10	7130	13.	13.	13.	13.	13.	79.	131.	236.	681.				
DISTRICT OF COLUMBIA																
047 Washington	003	A10	6841	13.	13.	13.	13.	52.	105.	157.	236.	550.				
ILLINOIS																
067 Chicago	002	A10	7486	13.	13.	13.	13.	105.	367.	498.	786.	1284.	116.	173.86	41.21	4.12
070 Venice	002	F01	3130	13.	13.	13.	13.	13.	79.	131.	314.	1362.				
MAINE																
107 Augusta	001	F01	283	13.	13.	27.	80.	133.	346.	555.	1570.	7850.				
110 Portland	004	F01	747	13.	13.	40.	52.	70.	119.	144.	229.	325.				
MISSOURI																
070 Bellefontaine Neighbors	002	G01	11	13.	13.	13.	13.	13.	13.	13.	13.	13.				
070 St Louis	002	A10	5287	13.	13.	13.	13.	79.	210.	288.	550.	1520.				
NEW JERSEY																
043 Asbury Park	001	F01	2950	13.	13.	13.	13.	13.	55.	73.	131.	314.				
043 Bayonne	003	F01	7873	13.	13.	45.	79.	134.	259.	335.	553.	1048.	115.	114.22	71.74	2.80
043 Elizabeth	003	F01	2959	13.	13.	13.	58.	110.	233.	299.	466.	778.				
043 Freehold	001	F01	3032	13.	13.	13.	13.	13.	55.	79.	155.	396.				
043 Hackensack	001	F01	3047	13.	13.	13.	37.	60.	107.	139.	231.	448.				
043 Jersey City	002	F01	3017	13.	13.	42.	76.	121.	215.	286.	464.	715.				
043 Morristown	001	F01	3027	13.	13.	13.	13.	47.	102.	139.	212.	406.				
043 Newark	002	F01	8063	13.	29.	60.	97.	160.	301.	388.	589.	920.	136.	123.11	91.93	2.58
043 Paterson	003	F01	2701	13.	13.	13.	13.	47.	89.	113.	183.	383.				
043 Perth Amboy	003	F01	2819	13.	13.	13.	42.	73.	160.	225.	383.	563.				
043 Somerville	001	F01	3036	13.	13.	13.	13.	37.	81.	121.	210.	320.				
045 Burlington	001	F01	2913	13.	13.	13.	13.	37.	94.	144.	249.	597.				
045 Camden	003	F01	7704	13.	13.	31.	73.	139.	320.	451.	778.	2148.	129.	162.81	64.84	3.41
	004	F01	2933	13.	13.	31.	55.	89.	162.	210.	359.	589.				
045 Camden Co	001	F01	1078	13.	13.	13.	31.	58.	107.	134.	199.	278.				
045 Paulsboro	001	F01	2985	13.	13.	13.	13.	45.	115.	160.	262.	637.				
045 Penns Grove	001	F01	3043	13.	13.	13.	13.	55.	134.	189.	330.	631.				
045 Trenton	002	F01	3002	13.	13.	13.	13.	39.	76.	110.	196.	529.				
150 Atlantic City	002	F01	2952	13.	13.	13.	13.	13.	37.	52.	89.	204.				
150 Toms River	001	F01	2725	13.	13.	13.	13.	13.	39.	52.	97.	307.				
151 Phillipsburg	002	F01	2972	13.	13.	13.	31.	65.	141.	183.	280.	1155.				
OHIO																
079 Cincinnati	003	A10	7323	13.	13.	13.	13.	52.	105.	157.	314.	1310.				
OKLAHOMA																
186 Tulsa	111	F01	384	13.	13.	13.	13.	13.	13.	13.	46.	82.				
	112	F01	444	13.	13.	13.	13.	13.	13.	13.	27.	45.				
PENNSYLVANIA																
045 Philadelphia	002	A10	6876	13.	13.	13.	79.	131.	288.	393.	681.	1310.				
VERMONT																
159 Burlington	003	F01	1446	13.	13.	26.	37.	52.	144.	257.	341.	838.				
221 Barre	001	F01	3025	13.	13.	26.	39.	52.	105.	131.	210.	362.				
	002	F05	1552	13.	26.	31.	52.	84.	162.	223.	275.	2646.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL CONDUCTIMETRIC, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
CALIFORNIA																
024 Anaheim	001	I01	7878	13.	13.	13.	13.	13.	52.	52.	105.	393.	20.	21.65	15.85	1.71
024 Azusa	002	I01	6233	13.	13.	13.	13.	52.	105.	105.	157.	262.				
024 Burbank	002	I01	8451	13.	13.	13.	13.	52.	79.	105.	131.	445.	36.	33.16	25.43	2.26
024 La Habra	001	I01	7572	13.	13.	13.	13.	13.	79.	105.	157.	419.				
024 Lennox	001	I01	8390	13.	13.	13.	52.	79.	131.	210.	393.	1389.	62.	79.92	35.28	2.85
024 Long Beach	002	I01	8140	13.	13.	13.	52.	79.	131.	157.	262.	1048.	57.	61.43	34.95	2.67
024 Los Angeles	001	I01	8304	13.	13.	13.	52.	52.	105.	105.	157.	314.	48.	37.00	34.67	2.34
	002	I01	8330	13.	13.	13.	13.	13.	52.	79.	131.	524.	26.	27.24	19.26	2.00
024 Los Angeles Co	001	I01	8348	13.	13.	13.	13.	13.	52.	52.	79.	131.	20.	16.56	16.34	1.70
024 Pomona	001	I01	8439	13.	13.	13.	13.	13.	52.	79.	131.	183.	28.	26.13	20.51	2.06
024 Riverside	001	I01	5216	13.	13.	13.	13.	13.	13.	13.	52.	210.				
024 San Bernardino	001	I01	5645	13.	13.	13.	13.	13.	52.	79.	131.	262.				
024 Santa Ana	002	I01	7844	13.	13.	13.	13.	13.	52.	79.	131.	288.				
CONNECTICUT																
042 Hartford	003	F01	1718	13.	13.	52.	79.	105.	157.	183.	314.	1310.				
042 New Haven	004	F01	832	52.	157.	183.	210.	262.	341.	367.	419.	550.				
043 Stamford	002	F01	1286	13.	13.	52.	52.	79.	131.	157.	262.	655.				
	003	F01	3773	13.	13.	52.	105.	210.	524.	786.	1703.	5345.				
DELAWARE																
045 New Castle Co	011	F01	5157	13.	45.	58.	65.	97.	196.	262.	458.	1048.				
ILLINOIS																
067 Calumet City	001	G01	12	13.	13.	13.	13.	13.	13.	13.	13.	13.				
067 Chicago	003	H01	7147	13.	13.	13.	13.	52.	131.	210.	472.	1362.	59.	96.04	29.97	2.90
	004	H01	8001	13.	13.	13.	52.	105.	236.	341.	576.	1913.	91.	124.62	42.96	3.42
	005	H01	6122	13.	13.	13.	52.	105.	183.	262.	472.	1100.				
	006	H01	5334	13.	13.	52.	79.	157.	288.	367.	629.	3511.				
	007	H01	7291	13.	13.	13.	13.	79.	157.	210.	367.	734.				
	008	H01	7007	13.	13.	13.	52.	105.	288.	367.	603.	2725.				
	009	H01	5405	13.	13.	13.	52.	79.	183.	236.	419.	1782.				
	010	H01	7882	13.	13.	13.	13.	52.	157.	262.	445.	917.	63.	92.11	30.93	3.04
MISSOURI																
070 St Louis	002	A05	523	13.	13.	13.	13.	13.	131.	210.	393.	707.				
094 Kansas City	022	H01	2898	13.	13.	13.	13.	13.	78.	78.	131.	314.				
NEW YORK																
043 New York City	014	H01	8668	13.	105.	131.	183.	262.	419.	524.	812.	1284.				
OHIO																
174 Akron	013	H01	5256	13.	13.	26.	52.	105.	183.	236.	393.	10480.				
OREGON																
193 Portland	002	F01	8374	13.	13.	13.	13.	13.	79.	105.	183.	341.	33.	39.69	21.71	2.26
UTAH																
220 Magna	001	F02	4204	13.	13.	13.	13.	13.	34.	58.	115.	280.				
220 Ogden	001	F01	7664	13.	13.	13.	13.	13.	13.	13.	13.	37.				
220 Provo	001	F01	6694	13.	13.	13.	13.	13.	13.	13.	13.	13.				
220 Salt Lake City	001	F01	7766	13.	13.	13.	13.	13.	13.	13.	13.	63.				
VIRGINIA																
047 Seven Corners	004	G01	3958	13.	29.	42.	52.	65.	94.	121.	183.	351.				

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SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL CONDUCTIMETRIC, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
WISCONSIN																
128 Eau Claire	007	F01	18	13.	13.	13.	13.	13.	13.	13.	13.	13.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COULOMETRIC, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
ARIZONA																
012 Clifton	002	F02	4566	13.	13.	13.	13.	105.	419.	681.	1677.	5240.				
012 Douglas	002	F02	5437	13.	13.	13.	13.	13.	210.	472.	1100.	2463.				
	003	F02	6582	13.	13.	13.	13.	13.	131.	341.	1127.	4244.				
015 Ajo	001	F02	1475	13.	13.	13.	105.	210.	472.	734.	1782.	5240.				
015 Claypool	001	F02	4977	13.	13.	13.	13.	13.	157.	314.	865.	5450.				
015 Gila Co	001	F02	2351	13.	13.	13.	210.	524.	1258.	2201.	4402.	10166.				
015 Pinal Co	002	F02	6486	13.	13.	13.	13.	52.	367.	629.	1834.	5240.				
MICHIGAN																
123 Port Huron	003	F01	1873	13.	13.	13.	52.	79.	183.	288.	603.	1100.				
MISSOURI																
094 Kansas City	018	H01	354	13.	13.	13.	33.	33.	33.	65.	98.	327.				
NEW JERSEY																
043 Linden	001	F01	1287	13.	52.	79.	105.	183.	314.	419.	681.	1231.				
043 Middlesex Co	001	F01	1157	13.	13.	52.	79.	131.	341.	472.	707.	812.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COULOMETRIC, 2 hours

1970 Annual Report

Site location	Site No.	Aq/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
OHIO																
174 Canton	001	H02	1609	13.	13.	13.	52.	92.	131.	170.	262.	2617.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
ALABAMA																
002 Montgomery	001	A01	22	3.	3.	3.	3.	8.	15.	15.	20.	20.	7.	5.37	5.08	2.17
004 Birmingham	003	A01	22	3.	3.	3.	7.	12.	17.	20.	23.	23.				
005 Mobile	001	A01	13	3.	3.	3.	3.	14.	22.	30.	30.	30.				
	002	A01	12	3.	3.	5.	9.	11.	11.	24.	24.	24.				
ALASKA																
009 Fairbanks	001	A01	23	3.	3.	3.	7.	8.	14.	22.	25.	25.				
ARIZONA																
012 Douglas	901	A05	1	64.	64.	64.	64.	64.	64.	64.	64.	64.				
014 Grand Canyon Nat Park	001	A03	19	3.	3.	3.	6.	7.	12.	17.	17.	17.				
015 Phoenix	002	A01	23	3.	3.	3.	7.	11.	20.	28.	54.	54.				
015 Tucson	001	A01	25	3.	3.	3.	7.	9.	13.	15.	23.	23.	7.	5.19	5.39	2.10
ARKANSAS																
016 Little Rock	001	A01	18	3.	3.	3.	5.	11.	17.	23.	23.	23.				
019 El Dorado	001	A01	19	3.	3.	7.	10.	14.	34.	53.	53.	53.				
CALIFORNIA																
024 Anaheim	001	A01	26	3.	3.	3.	7.	12.	19.	22.	27.	27.	9.	6.97	6.28	2.32
024 Glendale	001	A01	25	3.	3.	3.	12.	13.	27.	29.	33.	33.	11.	9.11	7.96	2.57
024 Long Beach	001	A01	26	3.	3.	15.	34.	49.	65.	80.	87.	87.	35.	24.97	22.98	2.97
024 Los Angeles	001	A01	11	3.	3.	3.	7.	14.	22.	31.	31.	31.				
024 Pasadena	002	A01	12	3.	3.	3.	3.	7.	12.	14.	14.	14.				
024 San Bernardino	001	A01	25	3.	3.	3.	5.	9.	13.	13.	15.	15.	7.	4.36	5.21	2.04
024 Santa Ana	001	A01	24	3.	3.	3.	5.	7.	19.	20.	21.	21.	7.	5.79	5.02	2.12
024 Torrance	001	A01	12	3.	3.	3.	3.	5.	9.	14.	14.	14.				
026 Humboldt Co	001	A03	17	3.	3.	3.	3.	5.	11.	13.	13.	13.				
028 Sacramento	001	A01	21	3.	3.	3.	3.	8.	11.	14.	97.	97.				
029 San Diego	001	A01	25	3.	3.	3.	7.	13.	19.	26.	32.	32.	10.	7.93	7.21	2.36
030 Berkeley	001	A01	20	3.	3.	3.	8.	14.	17.	21.	34.	34.				
030 Oakland	001	A01	23	3.	3.	3.	8.	11.	13.	39.	62.	62.	10.	13.76	6.24	2.60
030 San Francisco	001	A01	25	3.	3.	3.	7.	10.	19.	26.	28.	28.	9.	7.49	5.98	2.38*
030 San Jose	001	A01	8	3.	3.	3.	3.	9.	28.	28.	28.	28.				
	002	A01	12	3.	3.	7.	8.	11.	12.	12.	12.	12.				
031 Fresno	002	A01	20	3.	3.	3.	3.	8.	9.	10.	15.	15.				
COLORADO																
036 Denver	001	A01	25	3.	3.	3.	11.	15.	27.	33.	60.	60.	13.	13.35	8.30	2.80
	002	A01	25	3.	3.	5.	7.	13.	23.	38.	43.	43.	11.	10.70	7.55	2.44
CONNECTICUT																
042 Hartford	001	A01	25	3.	3.	15.	45.	75.	121.	161.	225.	225.	57.	56.32	29.79	3.93
042 New Haven	001	A01	27	3.	3.	11.	20.	29.	131.	204.	215.	215.	40.	56.50	18.18	3.68
042 Waterbury	001	A01	27	3.	3.	10.	14.	18.	43.	50.	56.	56.	17.	14.50	12.05	2.56
043 Bridgeport	001	A01	26	3.	3.	3.	8.	29.	176.	201.	213.	213.	40.	64.30	12.05	4.88
DELAWARE																
045 Newark	001	A01	25	3.	3.	3.	7.	19.	30.	33.	112.	112.	16.	22.51	8.37	3.11
045 Wilmington	003	A01	24	3.	3.	7.	8.	15.	61.	74.	78.	78.	17.	22.72	9.26	3.04
046 Kent Co	001	A03	16	3.	3.	8.	15.	25.	41.	83.	83.	83.				
DISTRICT OF COLUMBIA																
047 Washington	001	A01	19	3.	3.	8.	18.	40.	78.	80.	80.	80.				
	003	A01	20	3.	3.	3.	13.	39.	66.	101.	133.	133.				

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SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
FLORIDA																
049 Jacksonville	002	A01	20	3.	3.	3.	5.	15.	26.	31.	62.	62.				
050 Miami	002	A01	26	3.	3.	3.	7.	9.	12.	12.	20.	20.	7.	4.55	5.21	2.05
052 Hardee Co	001	A03	13	3.	3.	3.	3.	5.	11.	14.	14.	14.				
052 Manatee Co	005	G02	42	3.	3.	3.	3.	6.	22.	36.	43.	43.	9.	11.00	4.84	2.66
	008	G02	42	3.	3.	3.	3.	5.	15.	44.	86.	86.	10.	19.18	4.50	2.80
	010	G02	45	3.	3.	3.	3.	9.	26.	38.	59.	59.	9.	12.09	5.17	2.68
	013	G02	45	3.	3.	3.	3.	7.	24.	38.	53.	53.	8.	11.34	4.51	2.50
052 St Petersburg	002	A01	26	3.	3.	6.	8.	13.	39.	72.	96.	96.	17.	22.12	9.91	2.76
052 Tampa	002	A01	26	3.	3.	3.	9.	17.	39.	66.	92.	92.	17.	21.45	8.99	3.24
GEORGIA																
002 Columbus	001	A01	24	3.	3.	3.	8.	11.	15.	18.	19.	19.	8.	5.16	6.28	2.09
056 Atlanta	001	A01	26	3.	3.	7.	12.	23.	47.	62.	104.	104.	20.	23.09	11.21	3.10
058 Savannah	001	A01	25	3.	3.	3.	9.	11.	21.	27.	29.	29.	10.	7.82	7.45	2.36
HAWAII																
060 Hawaii Co	001	A05	18	3.	3.	3.	5.	7.	12.	15.	15.	15.				
	002	A05	23	3.	3.	3.	5.	8.	16.	17.	25.	25.	7.	6.06	5.11	2.19
060 Hawaii Volcanoes Nat Park	001	A03	16	3.	3.	3.	6.	15.	25.	71.	71.	71.				
060 Hilo	001	F01	20	3.	3.	3.	3.	3.	5.	6.	6.	6.				
060 Honolulu	001	A01	11	3.	3.	7.	8.	11.	13.	20.	20.	20.				
ILLINOIS																
065 Peoria	001	A01	22	3.	5.	15.	30.	38.	80.	134.	156.	156.				
067 Calumet City	001	G01	60	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Chicago	001	A01	26	3.	3.	28.	42.	82.	179.	261.	305.	305.	72.	77.66	36.22	4.15
	002	A01	25	3.	7.	15.	66.	206.	299.	365.	419.	419.	120.	126.84	48.08	5.02
	003	H01	92	2.	8.	18.	29.	58.	113.	152.	694.	694.	55.	82.11	31.47	2.94
	004	H01	87	8.	16.	39.	84.	121.	217.	307.	503.	503.	99.	91.80	63.66	2.76
	005	H01	94	2.	18.	34.	81.	194.	335.	406.	553.	553.	134.	128.93	77.12	3.27
	006	H01	92	2.	2.	10.	16.	18.	37.	52.	94.	94.	19.	18.75	12.68	2.45
	007	H01	91	8.	16.	29.	45.	65.	123.	165.	212.	212.	58.	46.61	42.87	2.24
	008	H01	89	2.	21.	50.	94.	162.	296.	417.	660.	660.	136.	127.68	86.82	2.78
	009	H01	89	2.	2.	8.	10.	16.	31.	52.	115.	115.	17.	20.01	11.03	2.44
	010	H01	91	2.	13.	29.	45.	76.	131.	157.	217.	217.	60.	48.98	41.36	2.62
	011	H01	84	2.	13.	24.	39.	73.	144.	181.	288.	288.	63.	59.29	40.64	2.74
	012	H01	85	5.	24.	50.	118.	194.	362.	403.	728.	728.	156.	146.77	97.39	2.91
	013	H01	82	5.	13.	37.	79.	123.	259.	296.	511.	511.	107.	106.67	63.49	3.09
	015	H01	93	2.	18.	39.	68.	100.	178.	196.	304.	304.	82.	61.74	59.49	2.41
	016	H01	95	2.	2.	8.	10.	18.	29.	58.	102.	102.	16.	18.62	10.60	2.51
	017	H01	89	2.	2.	8.	13.	18.	31.	50.	92.	92.	18.	17.37	11.97	2.47
	018	H01	87	2.	18.	34.	63.	94.	155.	199.	283.	283.	74.	56.63	53.88	2.36
	019	H01	89	2.	16.	34.	50.	76.	134.	160.	249.	249.	61.	46.75	44.70	2.42
	020	H01	92	2.	5.	10.	18.	29.	94.	110.	246.	246.	33.	39.61	18.70	2.97
	021	H01	92	2.	10.	26.	47.	107.	246.	322.	723.	723.	98.	119.89	51.69	3.38
	022	H01	93	2.	13.	24.	47.	68.	123.	134.	414.	414.	59.	55.77	41.23	2.46
067 Chicago Heights	001	G01	52	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Cicero	001	G01	61	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Cook Co	001	G01	60	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Flossmoor	001	G01	9	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Harvey	001	G01	61	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Hillside	001	G01	61	3.	3.	3.	3.	3.	3.	3.	3.	3.				
067 Wilmette	001	G01	61	3.	3.	3.	3.	3.	3.	3.	3.	3.				
073 Rockford	001	A01	15	3.	3.	9	13.	28.	39.	72.	72.	72.				
INDIANA																
067 Chesterton	001	G01	27	2.	5.	8.	10.	18.	26.	34.	63.	63.				
067 East Chicago	001	A01	26	3.	7.	16.	41.	86.	118.	136.	197.	197.				
	001	H02	36	2.	2.	10.	50.	84.	181.	307.	385.	385.				
	003	H02	37	5.	24.	139.	194.	286.	398.	487.	854.	854.				
	004	H02	11	2.	5.	29.	65.	89.	162.	322.	322.	322.				
	006	H02	12	2.	26.	42.	58.	94	181.	238.	238.	238.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
INDIANA — Cont.																
	007	H02	37	2.	2.	13.	50.	89.	181.	301.	333.	333.				
067 Gary	001	A01	24	3.	3.	3.	10.	16.	21.	27.	33.	33.				
	002	H01	32	2.	2.	2.	8.	13.	92.	170.	204.	204.				
	003	H01	33	2.	2.	2.	2.	8.	31.	68.	257.	257.				
	008	H01	35	2.	2.	2.	2.	10.	45.	73.	84.	84.				
	010	H01	8	2.	2.	2.	2.	2.	81.	81.	81.	81.				
067 Hammond	001	A01	25	3.	3.	17.	29.	56.	171.	177.	205.	205.	58.	65.15	28.52	3.81
	001	F01	20	2.	2.	5.	16.	37.	170.	233.	246.	246.				
	002	H01	20	2.	2.	13.	34.	84.	223.	257.	278.	278.				
	004	H01	1	29.	29.	29.	29.	29.	29.	29.	29.	29.				
067 Porter Co	009	G01	34	2.	2.	13.	21.	39.	76.	128.	249.	249.				
067 Valparaiso	002	G01	34	2.	2.	10.	16.	21.	39.	55.	89.	89.	19.	18.08	12.79	2.61
077 Evansville	001	A01	24	3.	3.	14.	21.	32.	48.	51.	81.	81.	25.	18.51	18.25	2.60
078 New Albany	002	A01	16	3.	3.	3.	8.	12.	21.	48.	48.	48.				
080 Indianapolis	001	A01	24	3.	3.	11.	18.	44.	91.	100.	137.	137.	33.	34.78	18.23	3.37
	002	H01	60	3.	3.	16.	38.	58.	88.	114.	163.	163.				
	003	H01	66	3.	7.	16.	31.	38.	72.	126.	135.	135.				
	006	H01	21	5.	7.	18.	46.	63.	88.	95.	148.	148.				
	008	H01	18	3.	3.	13.	19.	28.	57.	90.	90.	90.				
	009	H01	64	3.	8.	32.	49.	75.	99.	140.	219.	219.				
	013	H01	22	3.	5.	9.	15.	21.	41.	60.	83.	83.				
	015	H01	54	3.	17.	26.	41.	69.	113.	155.	260.	260.				
	021	F01	16	8.	10.	60.	121.	144.	181.	191.	191.	191.				
	026	H01	9	9.	9.	25.	29.	50.	62.	62.	62.	62.				
081 Fort Wayne	001	A01	13	3.	3.	3.	3.	8.	17.	18.	18.	18.				
082 South Bend	002	A01	24	3.	3.	5.	7.	10.	21.	29.	45.	45.	10.	10.20	7.21	2.38
083 Monroe Co	001	A03	25	3.	3.	5.	8.	11.	21.	23.	27.	27.	9.	6.76	7.19	2.17
IOWA																
068 Dubuque	003	A01	13	3.	5.	7.	10.	21.	59.	62.	62.	62.				
092 Des Moines	001	A01	26	3.	3.	3.	7.	12.	27.	35.	59.	59.	11.	13.18	6.96	2.70
KANSAS																
094 Kansas City	002	A01	12	3.	3.	3.	3.	7.	12.	21.	21.	21.				
	002	H01	53	3.	3.	3.	3.	5.	11.	33.	213.	213.	11.	33.99	4.49	2.53
095 Topeka	001	A01	24	3.	3.	3.	7.	8.	11.	12.	19.	19.				
099 Wichita	001	A01	24	3.	3.	3.	5.	8.	12.	15.	17.	17.	6.	4.08	5.19	1.91
	001	F01	24	3.	3.	3.	5.	8.	12.	15.	17.	17.	6.	4.08	5.19	1.91
KENTUCKY																
078 Louisville	002	A01	24	3.	3.	7.	13.	19.	67.	87.	99.	99.	23.	27.51	12.67	3.21
079 Covington	001	A01	25	3.	5.	12.	25.	35.	54.	58.	62.	62.	26.	17.67	18.43	2.57
102 Lexington	001	A01	27	3.	3.	3.	8.	10.	36.	41.	72.	72.	12.	15.67	7.25	2.76
105 Bowling Green	001	A01	25	3.	3.	3.	3.	20.	34.	36.	42.	42.	12.	12.94	6.34	3.04
LOUISIANA																
022 Shreveport	001	A01	14	3.	3.	3.	3.	3.	11.	13.	13.	13.				
106 Baton Rouge	001	A01	13	3.	3.	3.	3.	10.	26.	69.	69.	69.				
106 Iberville Par	001	A03	24	3.	3.	3.	6.	8.	15.	15.	24.	24.	7.	5.41	5.53	2.05
106 New Orleans	002	A01	24	3.	3.	3.	6.	8.	19.	19.	20.	20.	7.	5.50	5.55	2.07
MAINE																
109 Acadia Nat Park	001	A03	24	3.	3.	3.	7.	10.	19.	20.	23.	23.	8.	6.32	5.67	2.28
110 South Portland	001	F01	30	3.	3.	3.	3.	11.	18.	23.	30.	30.				
	002	F01	33	3.	3.	3.	8.	25.	35.	49.	56.	56.				
MARYLAND																
115 Baltimore	001	A01	26	3.	10.	15.	39.	67.	136.	156.	162.	162.	54.	48.54	33.06	3.11
116 Calvert Co	001	A03	11	3.	3.	3.	5.	10.	23.	34.	34.	34.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
MASSACHUSETTS																
042 Chicopee	001	F01	210	2.	13.	26.	39.	58.	107.	134.	178.	204.	51.	38.88	38.27	2.21
042 Holyoke	004	F01	53	2.	5.	16.	39.	79.	123.	178.	196.	196.				
042 Springfield	003	A01	25	3.	10.	36.	57.	103.	184.	257.	297.	297.	87.	80.23	50.76	3.33
	003	F01	221	5.	18.	34.	52.	79.	131.	210.	307.	503.	69.	63.88	50.29	2.25
117 North Adams	001	F01	7	2.	2.	47.	52.	76.	128.	128.	128.	128.				
117 Pittsfield	001	F01	8	18.	18.	63.	118.	149.	189.	189.	189.	189.				
118 Worchester	001	A01	23	3.	3.	5.	15.	28.	104.	106.	112.	112.	31.	36.60	14.71	3.68
119 Boston	001	A01	21	3.	8.	18.	36.	58.	125.	129.	150.	150.				
	001	F01	148	2.	13.	29.	47.	76.	126.	186.	427.	500.	66.	65.79	45.01	2.63
	002	F01	223	29.	58.	92.	139.	204.	288.	359.	493.	582.	164.	102.17	135.44	1.88
	012	F01	68	2.	37.	60.	79.	118.	217.	241.	438.	438.				
	013	F01	142	2.	24.	31.	60.	115.	168.	189.	343.	485.	83.	70.66	58.26	2.47
119 Cambridge	001	A01	11	3.	3.	10.	14.	21.	44.	63.	63.	63.				
119 Lynn	001	F01	3	26.	26.	26.	34.	79.	79.	79.	79.	79.				
119 Marblehead	001	F01	3	8.	8.	8.	58.	314.	314.	314.	314.	314.				
120 Attleboro	002	F01	15	52.	52.	63.	92.	107.	707.	1153.	1153.	1153.				
120 Fall River	002	A01	5	6.	6.	10.	34.	45.	51.	51.	51.	51.				
	003	F01	6	47.	47.	60.	63.	121.	194.	194.	194.	194.				
120 Falmouth	001	F01	12	2.	2.	2.	2.	24.	31.	47.	47.	47.				
120 New Bedford	002	F01	9	29.	29.	84.	100.	105.	115.	115.	115.	115.				
120 Plymouth	001	F01	12	2.	5.	13.	13.	34.	52.	63.	63.	63.				
121 Billerica	001	F01	5	2.	2.	24.	24.	37.	65.	65.	65.	65.				
121 Haverhill	001	F01	5	2.	2.	26.	37.	58.	65.	65.	65.	65.				
121 Lawrence	002	F01	5	24.	24.	45.	52.	92.	100.	100.	100.	100.				
121 Lowell	001	F01	5	8.	8.	37.	65.	79.	79.	79.	79.	79.				
121 Newburyport	001	F01	6	8.	8.	18.	42.	196.	270.	270.	270.	270.				
MICHIGAN																
122 Flint	001	A01	26	3.	3.	8.	15.	19.	27.	45.	58.	58.	16.	12.92	11.45	2.48
122 Grand Rapids	001	A01	26	3.	3.	6.	10.	15.	30.	39.	48.	48.	13.	11.17	9.60	2.21
122 Saginaw	001	A01	26	3.	3.	6.	12.	17.	36.	57.	98.	98.	17.	20.83	10.22	2.91
123 Dearborn	001	A01	11	3.	3.	3.	3.	3.	27.	45.	45.	45.				
123 Detroit	001	A01	25	3.	3.	16.	24.	44.	83.	90.	172.	172.	38.	37.34	23.07	3.11
125 Lansing	001	A01	24	3.	3.	8.	14.	26.	43.	71.	125.	125.	22.	27.04	13.04	2.94
MINNESOTA																
129 Duluth	001	A01	12	3.	3.	3.	3.	11.	18.	18.	18.	18.				
131 Minneapolis	001	A01	24	3.	3.	9.	14.	17.	152.	162.	223.	223.	38.	59.62	15.19	3.91
131 St Paul	001	A01	13	3.	3.	3.	15.	28.	55.	106.	106.	106.				
MISSISSIPPI																
005 Jackson	002	A01	7	3.	3.	3.	3.	3.	18.	18.	18.	18.				
005 Jackson Co	001	A03	8	3.	3.	3.	3.	3.	14.	14.	14.	14.				
MISSOURI																
070 St Louis	001	A01	15	3.	6.	7.	9.	81.	160.	278.	278.	278.				
	002	A01	26	3.	3.	13.	23.	49.	111.	130.	132.	132.	40.	39.17	23.32	3.29
094 Kansas City	002	A01	21	3.	3.	3.	7.	11.	18.	30.	102.	102.				
	003	H01	52	3.	3.	3.	3.	3.	5.	18.	33.	33.	5.	5.34	3.44	1.84
	018	H01	52	3.	3.	3.	3.	5.	7.	14.	30.	30.	5.	4.47	3.82	1.79
139 Shannon Co	001	A03	12	3.	3.	3.	3.	3.	11.	18.	18.	18.				
MONTANA																
141 Glacier Nat Park	001	A03	14	3.	3.	3.	6.	10.	15.	23.	23.	23.				
NEBRASKA																
085 Omaha	001	A01	23	3.	3.	3.	10.	14.	20.	46.	108.	108.				
145 Lincoln	002	A01	13	3.	3.	3.	3.	3.	11.	12.	12.	12.				
146 Thomas Co	001	A03	11	3.	3.	3.	3.	7.	17.	18.	18.	18.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
NEW HAMPSHIRE																
107 Coos Co	001	A03	11	3.	3.	3.	3.	5.	10.	12.	12.	12.				
NEW JERSEY																
043 Elizabeth	002	A01	7	3.	3.	3.	5.	11.	30.	30.	30.	30.				
043 Jersey City	001	A01	25	3.	3.	26.	49.	78.	238.	244.	260.	260.	75.	76.87	38.77	3.98
043 Newark	001	A01	24	3.	3.	7.	15.	33.	125.	125.	251.	251.	37.	56.84	15.58	3.91
043 Paterson	001	A01	26	3.	3.	3.	9.	44.	70.	122.	131.	131.	28.	36.14	12.41	3.96
045 Camden	001	A01	26	3.	3.	10.	21.	126.	188.	223.	238.	238.	69.	75.71	27.85	4.86
045 Camden Co	002	A01	27	3.	3.	8.	17.	34.	105.	125.	168.	168.	32.	40.44	15.40	3.66
045 Glassboro	001	A01	26	3.	3.	3.	6.	9.	14.	15.	15.	15.	7.	4.57	5.25	2.08
045 Trenton	001	A01	13	3.	3.	3.	5.	7.	14.	16.	16.	16.				
NEW MEXICO																
152 Albuquerque	001	A01	27	3.	3.	3.	3.	7.	13.	17.	21.	21.	6.	5.13	4.38	2.10
NEW YORK																
043 New York City	001	A01	17	3.	3.	22.	30.	59.	164.	395.	395.	395.				
043 Yonkers	001	A01	12	3.	7.	26.	27.	51.	73.	138.	138.	138.				
158 Jefferson Co	001	A03	13	3.	3.	3.	3.	3.	6.	16.	16.	16.				
158 Syracuse	001	A01	22	3.	3.	3.	7.	15.	36.	37.	46.	46.				
158 Utica	001	A01	21	3.	3.	5.	6.	8.	15.	17.	48.	48.				
160 Monroe Co	001	F01	9	5.	5.	21.	37.	47.	92.	92.	92.	92.				
160 Rochester	001	A01	24	3.	3.	9.	18.	32.	69.	71.	227.	227.	32.	46.34	16.35	3.35
	001	F01	58	2.	16.	34.	47.	113.	176.	233.	328.	328.	81.	70.98	52.12	2.93
	002	F01	59	2.	16.	29.	47.	79.	128.	181.	233.	233.	63.	49.20	44.87	2.51
	003	F01	61	2.	16.	26.	37.	55.	100.	105.	147.	147.	46.	32.06	35.92	2.15
	005	F01	10	10.	10.	29.	31.	45.	65.	71.	71.	71.				
161 Albany	001	A01	25	3.	3.	5.	10.	24.	56.	62.	90.	90.	20.	22.90	10.46	3.29
	001	F01	50	2.	21.	45.	63.	102.	204.	233.	259.	259.	84.	66.01	39.76	2.60
	002	F01	43	13.	24.	39.	65.	118.	147.	186.	252.	252.	85.	58.47	66.26	2.13
162 Buffalo	001	A01	23	3.	3.	3.	10.	15.	39.	48.	82.	82.				
162 Lewiston	002	F01	13	2.	2.	26.	79.	131.	288.	393.	393.	393.				
162 Niagara Falls	001	A01	13	3.	3.	3.	7.	18.	34.	56.	56.	56.				
	001	F01	208	2.	26.	52.	79.	131.	183.	236.	419.	550.	99.	85.58	58.90	3.55
	003	F01	1	131.	131.	131.	131.	131.	131.	131.	131.	131.				
NORTH CAROLINA																
136 Greensboro	001	A01	26	3.	3.	3.	7.	14.	32.	42.	52.	52.	13.	13.27	7.78	2.77
136 Winston-Salem	002	A01	14	3.	3.	7.	11.	15.	30.	32.	32.	32.				
166 Durham	001	A01	21	3.	3.	3.	3.	6.	12.	15.	21.	21.				
167 Charlotte	001	A01	11	3.	3.	3.	3.	9.	10.	17.	17.	17.				
168 Cape Hatteras Nat Park	001	A03	12	3.	3.	3.	3.	6.	8.	11.	11.	11.				
OHIO																
079 Cincinnati	001	A01	22	3.	3.	6.	8.	16.	20.	21.	23.	23.				
	003	A01	26	3.	7.	13.	21.	34.	44.	45.	95.	95.	25.	19.29	18.63	2.37
124 Toledo	001	A01	26	3.	3.	6.	8.	13.	27.	45.	51.	51.	13.	12.43	9.00	2.39
173 Dayton	001	A01	25	3.	3.	8.	15.	33.	83.	84.	87.	87.	25.	25.54	14.56	3.05
174 Akron	001	A01	26	3.	5.	25.	45.	66.	102.	120.	125.	125.	51.	34.72	35.22	2.90
	004	H01	12	17.	24.	36.	54.	91.	152.	152.	152.	152.				
	006	H01	9	7.	7.	23.	50.	125.	164.	164.	164.	164.				
174 Barberton	001	H01	12	18.	34.	41.	51.	83.	102.	346.	346.	346.				
174 Canton	001	A01	25	3.	3.	10.	21.	40.	59.	60.	125.	125.	30.	27.81	18.63	2.98
	001	H02	14	3.	3.	3.	3.	3.	3.	3.	3.	3.				
	003	H02	15	3.	3.	3.	3.	3.	3.	3.	3.	3.				
	008	H01	16	3.	3.	3.	3.	3.	3.	3.	3.	3.				
	011	H01	16	3.	3.	3.	3.	3.	3.	3.	3.	3.				
174 Cleveland	001	A01	26	3.	18.	32.	55.	69.	113.	164.	250.	250.	64.	51.93	47.18	2.47
	001	H01	82	5.	50.	71.	101.	128.	196.	212.	300.	300.	110.	58.56	92.22	1.95
	003	H01	98	11.	38.	60.	78.	109.	159.	183.	277.	277.	91.	52.33	76.41	1.87
	005	H01	104	7.	43.	70.	93.	111.	191.	206.	242.	273.	102.	54.73	86.93	1.83

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
OHIO—Cont.																
	006	H01	96	5.	19.	33.	48.	69.	126.	141.	167.	167.	58.	38.77	46.31	2.07
	007	H01	104	11.	23.	35.	49.	77.	116.	127.	177.	222.	62.	40.26	51.22	1.91
	008	H01	106	5.	39.	62.	90.	127.	171.	196.	237.	242.	100.	52.77	85.04	1.87
	009	H01	102	3.	19.	38.	55.	88.	157.	209.	309.	327.	76.	65.17	54.89	2.35
	010	H01	109	7.	19.	31.	52.	81.	132.	215.	268.	309.	69.	58.14	50.21	2.26
	011	H01	102	7.	21.	38.	52.	76.	126.	149.	210.	211.	64.	42.57	52.41	1.94
	012	H01	110	16.	57.	77.	102.	133.	245.	306.	362.	612.	126.	87.74	104.62	1.83
	013	H01	82	21.	46.	72.	108.	149.	212.	236.	340.	340.				
	026	H01	33	49.	65.	88.	116.	171.	267.	326.	341.	341.				
	027	H01	28	6.	10.	28.	37.	63.	164.	175.	221.	221.				
174 Painesville	002	G02	1	46.	46.	46.	46.	46.	46.	46.	46.	46.				
174 Stark Co	001	H03	16	3.	3.	3.	3.	3.	3.	3.	3.	3.				
175 Wayne Co	001	H03	13	11.	16.	26.	37.	64.	153.	177.	177.	177.				
176 Columbus	001	A01	26	3.	3.	8.	14.	30.	43.	57.	71.	71.	22.	17.58	14.58	2.70
178 Youngstown	001	A01	25	3.	5.	16.	22.	39.	58.	88.	88.	88.	30.	23.90	20.73	2.65
OKLAHOMA																
017 Cherokee Co	001	A03	9	3.	3.	3.	3.	3.	11.	11.	11.	11.				
184 Oklahoma City	029	A01	25	3.	3.	3.	6.	8.	16.	18.	19.	19.	7.	4.96	5.28	2.02
186 Tulsa	001	A01	20	3.	3.	3.	7.	8.	11.	12.	12.	12.				
OREGON																
193 Portland	001	A01	18	3.	3.	7.	8.	20.	39.	134.	134.	134.				
PENNSYLVANIA																
045 Philadelphia	001	A01	25	9.	15.	50.	66.	113.	165.	181.	218.	218.	84.	57.41	62.10	2.47
	002	A01	24	3.	7.	36.	50.	82.	219.	236.	243.	243.	73.	69.55	44.25	3.21
045 Worminster	001	A01	24	3.	3.	5.	11.	30.	80.	96.	124.	124.	28.	33.61	13.53	3.68
0[illegible] West Chester	001	A01	11	3.	7.	11.	19.	30.	56.	102.	102.	102.				
151 Allentown	001	A01	26	3.	3.	7.	29.	80.	135.	189.	235.	235.	57.	61.46	24.53	4.80
151 Reading	001	A01	25	3.	3.	7.	14.	43.	69.	98.	131.	131.	30.	33.97	14.43	3.72
151 Scranton	001	A01	12	3.	3.	12.	12.	28.	32.	36.	36.	36.				
178 Clearfield Co	001	A03	23	3.	3.	6.	9.	15.	41.	43.	174.	174.				
	002	A03	10	3.	3.	3.	7.	8.	15.	16.	16.	16.				
178 Erie	002	A01	12	3.	3.	3.	13.	17.	20.	209.	209.	209.				
195 Johnstown	001	A01	25	3.	3.	3.	20.	33.	67.	81.	89.	89.	25.	26.26	12.69	3.75
196 Lancaster City	002	A01	17	3.	3.	12.	15.	22.	212.	404.	404.	404.				
196 York	002	A01	25	3.	3.	8.	16.	42.	85.	92.	94.	94.	31.	31.00	16.59	3.44
197 Indiana Co	001	A05	24	3.	3.	11.	16.	28.	39.	54.	61.	61.	21.	16.45	14.04	2.86
	003	A05	11	3.	3.	8.	11.	13.	22.	59.	59.	59.				
197 Pittsburgh	001	A01	25	3.	8.	38.	53.	65.	130.	137.	148.	148.	57.	38.95	40.42	2.90
PUERTO RICO																
244 Bayamon	002	A01	25	3.	3.	3.	9.	12.	20.	23.	27.	27.	10.	7.17	7.35	2.30
244 Guayanilla	002	A01	24	3.	3.	3.	7.	13.	23.	27.	154.	154.	15.	30.52	7.08	2.97
244 Ponce	002	A01	10	3.	3.	3.	3.	5.	10.	11.	11.	11.				
244 San Juan	001	A01	13	3.	3.	3.	3.	9.	11.	13.	13.	13.				
RHODE ISLAND																
120 Providence	001	A01	26	3.	3.	14.	35.	79.	160.	267.	291.	291.	67.	77.69	31.97	4.02
120 Washington Co	002	A03	11	3.	3.	3.	3.	3.	8.	11.	11.	11.				
SOUTH CAROLINA																
200 Richland Co	002	A03	7	3.	3.	3.	3.	3.	7.	7.	7.	7.				
SOUTH DAKOTA																
205 Black Hills Nat Forest	001	A03	21	3.	3.	3.	7.	10.	13.	13.	18.	18.				

SULFUR DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1978 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
TENNESSEE																
Cumberland Co	007	A03	12	3.	3.	3.	3.	5.	9.	25.	25.	25.				
Memphis	018	A01	24	3.	3.	5.	7.	11.	19.	25.	208.	208.	17.	41.14	7.72	2.80
Chattanooga	055	A01	25	3.	3.	3.	11.	20.	64.	65.	74.	74.	18.	20.84	9.94	3.17
Knoxville	207	A01	1	16.	16.	16.	16.	16.	16.	16.	16.	16.				
Nashville	208	A01	24	3.	3.	8.	11.	19.	28.	41.	55.	55.	15.	12.94	10.58	2.51
TEXAS																
Beaumont	106	A01	23	3.	3.	3.	7.	10.	15.	21.	30.	30.	8.	6.94	5.63	2.25
El Paso	153	A01	25	3.	6.	9.	18.	25.	40.	63.	116.	116.	23.	23.79	15.96	2.46
Wichita Falls	210	A01	10	3.	3.	3.	3.	3.	14.	14.	14.	14.				
Amarillo	211	A01	19	3.	3.	3.	8.	13.	17.	25.	25.	25.				
Lubbock	211	A01	15	3.	3.	3.	8.	11.	12.	23.	23.	23.				
Austin	212	A01	24	3.	3.	3.	5.	8.	12.	12.	17.	17.	6.	4.05	4.89	1.96
Corpus Christi	214	A01	24	3.	3.	3.	5.	8.	10.	14.	25.	25.	6.	5.10	4.82	1.98
Dallas	215	A01	24	3.	3.	3.	6.	10.	17.	18.	20.	20.	7.	5.50	5.46	2.19
Fort Worth	215	A01	24	3.	3.	3.	7.	8.	17.	27.	27.	27.	6.	6.96	5.80	2.17
Houston	216	A01	25	3.	3.	3.	10.	13.	16.	18.	42.	42.	10.	8.55	7.29	2.34
Matagorda Co	216	A03	13	3.	3.	3.	3.	5.	9.	13.	13.	13.				
Pasadena	216	A01	20	3.	3.	3.	7.	11.	15.	15.	16.	16.				
San Antonio	217	A01	26	3.	3.	3.	7.	8.	13.	15.	17.	17.	7.	4.15	5.56	1.92
Tom Green Co	218	A03	20	3.	3.	3.	6.	7.	10.	11.	12.	12.				
UTAH																
Salt Lake City	220	A01	26	3.	3.	3.	7.	11.	23.	26.	34.	34.	9.	7.95	6.77	2.23
VIRGINIA																
Wythe Co	207	A03	9	3.	3.	3.	3.	3.	16.	16.	16.	16.				
Newport News	223	A01	13	3.	3.	3.	3.	6.	11.	30.	30.	30.				
Norfolk	223	A01	25	3.	3.	13.	18.	29.	51.	88.	99.	99.	26.	24.79	17.05	2.73
Portsmouth	223	A01	12	3.	3.	3.	3.	3.	11.	18.	18.	18.				
Richmond	225	A01	21	3.	3.	9.	19.	38.	54.	56.	70.	70.	24.	20.40	14.71	3.12
Shenandoah Nat Park	226	A03	25	3.	3.	3.	5.	8.	18.	18.	42.	42.	8.	8.71	5.52	2.31
WASHINGTON																
Spokane	062	A01	11	3.	3.	7.	11.	16.	27.	40.	40.	40.				
King Co	229	A03	11	3.	3.	3.	3.	3.	8.	18.	18.	18.				
Seattle	229	A01	26	3.	3.	5.	20.	28.	46.	53.	77.	77.	22.	19.02	13.06	3.15
Tacoma	229	A01	23	3.	3.	3.	9.	12.	16.	18.	39.	39.	9.	8.26	6.63	2.37
WEST VIRGINIA																
Charleston	234	A01	26	3.	3.	8.	13.	24.	74.	103.	164.	164.	27.	37.33	14.46	3.01
WISCONSIN																
Door Co	237	A03	5	3.	3.	3.	3.	3.	5.	5.	5.	5.				
Milwaukee	239	A01	25	3.	3.	7.	13.	20.	29.	36.	39.	39.	16.	10.74	11.83	2.29
Madison	240	A01	12	3.	3.	3.	6.	10.	17.	27.	27.	27.				
WYOMING																
Casper	241	A01	25	3.	3.	3.	6.	12.	21.	22.	27.	27.	9.	7.54	6.38	2.42
Yellowstone Nat Park	243	A03	12	3.	3.	3.	3.	5.	9.	22.	22.	22.				

NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC-LYSHKOW (MOD), 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
CALIFORNIA																
024 Anaheim	001	I01	7429	9.	9.	56.	75.	113.	169.	207.	320.	639.				
024 Azusa	002	I01	7311	9.	9.	56.	94.	150.	226.	282.	414.	808.	117.	90.28	81.44	2.65
024 Burbank	002	I01	7683	9.	75.	113.	150.	207.	320.	395.	564.	902.	172.	110.77	141.02	1.96
024 La Habra	001	I01	8080	9.	9.	9.	38.	56.	113.	132.	207.	414.	52.	46.08	33.50	2.73
024 Lennox	001	I01	8065	9.	56.	75.	113.	150.	226.	301.	451.	752.	132.	84.34	107.52	2.02
024 Long Beach	002	I01	8073	9.	56.	94.	132.	169.	263.	338.	508.	978.	148.	96.26	121.91	1.95
024 Los Angeles	001	I01	7902	9.	38.	75.	113.	150.	263.	338.	508.	1335.	140.	105.15	106.30	2.27
	002	I01	8008	9.	56.	75.	113.	132.	226.	301.	451.	978.	126.	87.18	103.25	1.96
024 Los Angeles Co	001	I01	7764	9.	38.	75.	113.	150.	263.	320.	451.	733.	129.	97.31	90.35	2.63
024 Ojai	001	I01	2578	9.	9.	38.	38.	75.	113.	113.	188.	301.				
024 Pomona	001	I01	7930	9.	75.	113.	150.	188.	263.	320.	451.	846.	158.	88.04	135.42	1.82
024 Redlands	001	I01	6403	9.	9.	38.	56.	75.	113.	150.	244.	508.				
024 San Bernardino	001	I01	3820	9.	38.	56.	75.	113.	169.	207.	282.	451.				
024 Ventura	001	I01	4807	9.	38.	56.	75.	94.	150.	188.	263.	602.				
025 Salinas	001	I01	8114	9.	9.	9.	38.	56.	75.	94.	113.	188.	41.	27.01	31.01	2.31
025 Santa Cruz Co	001	I01	7799	9.	9.	9.	9.	9.	38.	56.	75.	113.	20.	17.59	14.78	2.03
028 Chico	001	F01	2328	9.	9.	9.	38.	56.	75.	113.	150.	188.				
028 Sacramento	002	F01	7925	9.	9.	38.	38.	56.	94.	113.	169.	282.	53.	33.98	41.38	2.15
029 San Diego Co	005	I01	7287	9.	9.	9.	38.	56.	94.	113.	188.	338.	45.	39.35	30.01	2.61
030 Oakland	004	F01	7184	9.	9.	38.	75.	94.	132.	169.	263.	508.				
030 Pittsburg	001	I01	7611	9.	9.	9.	38.	56.	75.	94.	132.	263.	43.	30.79	31.42	2.39
030 Redwood City	001	I01	8003	9.	9.	38.	56.	75.	113.	150.	226.	489.	64.	44.38	49.07	2.28
030 Richmond	001	I01	6257	9.	9.	38.	56.	75.	113.	132.	188.	376.				
030 San Jose	003	I01	3205	9.	38.	56.	75.	75.	113.	150.	207.	338.				
030 San Rafael	001	I01	7560	9.	9.	38.	56.	56.	94.	113.	150.	320.	53.	31.70	41.98	2.14
030 Santa Rosa	001	F01	7762	9.	9.	9.	38.	38.	56.	75.	113.	263.	34.	23.12	26.18	2.18
030 Vallejo	001	F01	3156	9.	9.	38.	38.	56.	75.	94.	132.	226.				
031 Bakersfield	001	A01	7732	9.	38.	56.	75.	113.	150.	188.	226.	414.	91.	48.17	76.39	1.93
031 Stockton	002	F01	7508	9.	9.	9.	38.	38.	75.	75.	132.	320.	36.	28.00	26.14	2.33
031 Visalia	001	F01	5978	9.	9.	38.	38.	56.	94.	113.	188.	301.				
ILLINOIS																
067 Chicago	003	H01	1	5640.	5640.	5640.	5640.	5640.	5640.	5640.	5640.	5640.				
	005	H01	3	38.	38.	38.	207.	884.	884.	884.	884.	884.				
	006	H01	1	9.	9.	9.	9.	9.	9.	9.	9.	9.				
	007	H01	2	526	526.	526.	526.	1034.	1034.	1034.	1034.	1034.				
	008	H01	1	2256.	2256.	2256.	2256.	2256.	2256.	2256.	2256.	2256.				
MICHIGAN																
123 Port Huron	003	F01	1852	9.	9.	9.	38.	56.	75.	94.	113.	827.				
OHIO																
174 Akron	013	H01	4001	9.	9.	23.	38.	56.	94.	103.	141.	752.				
OREGON																
193 Portland	002	F01	8200	9.	19.	38.	56.	56.	75.	94.	150.	451.	53.	27.46	46.74	1.70

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NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC-GRIESS-SALTZMAN, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
COLORADO																
036 Denver	002	A10	7370	9.	9.	56.	56.	75.	113.	150.	207.	658.				
CONNECTICUT																
042 New Haven	004	F01	60	9.	9.	9.	75.	94.	113.	132.	169.	169.				
DISTRICT OF COLUMBIA																
047 Washington	003	A10	6908	9.	38.	75.	94.	113.	169.	207.	282.	564.				
ILLINOIS																
067 Chicago	002	A10	7640	9.	56.	75.	94.	132.	169.	188.	263.	414.	109.	45.48	99.85	1.55
MISSOURI																
070 St Louis	002	A10	5337	9.	9.	38.	56.	75.	94.	113.	150.	263.				
NEW JERSEY																
043 Bayonne	003	F01	7735	9.	26.	53.	75.	100.	137.	164.	241.	692.	81.	49.11	66.14	2.04
043 Newark	002	F01	7685	9.	39.	66.	88.	113.	154.	180.	271.	637.	94.	50.60	81.24	1.81
045 Camden	003	F01	7384	9.	34.	62.	85.	109.	147.	173.	248.	543.	90.	48.91	76.07	1.87
OHIO																
079 Cincinnati	003	A10	2981	9.	38.	56.	75.	94.	132.	150.	207.	451.				
PENNSYLVANIA																
045 Philadelphia	002	A10	7105	9.	38.	75.	75.	113.	150.	169.	244.	395.	91.	44.12	80.52	1.73

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NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
HAWAII																
060 Hilo	001	F01	20	3.	3.	11.	12.	15.	19.	21.	21.	21.				

TOTAL HYDROCARBON, micrograms per cubic meter (25 C)
INSTRUMENTAL FLAME IONIZATION, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles 10	30	50	70	90	95	99	Max. obs.	Arithmetic Mean	Arithmetic Std. dev.	Geometric Mean	Geometric Std. dev.
CALIFORNIA																
024 Anaheim	001	I01	8256	1308.	1308.	1962.	1962.	2616.	3924.	4578.	7194.	9810.	2316.	170.92	103.50	1.52
024 Azusa	002	I01	8502	654.	1308.	1308.	1962.	2616.	3924.	4578.	5886.	9810.	2251.	122.98	30.31	1.56
024 Burbank	002	I01	4044	654.	1308.	1962.	1962.	2616.	4578.	5886.	7848.	9810.				
024 Lennox	001	I01	5172	654.	1308.	1308.	1962.	2616.	3924.	5232.	7848.	9810.				
024 Los Angeles	001	I01	8280	654.	1308.	1308.	1962.	2616.	3270.	3924.	5232.	7848.	2108.	931.50	932.57	1.51
024 Los Angeles Co	001	I01	4601	654.	1308.	1308.	1962.	2616.	4578.	5232.	6540.	9156.				
024 Pomona	001	I01	4957	654.	1308.	1308.	1962.	1962.	2616.	3270.	3924.	6540.				
024 Riverside	001	I01	6948	654.	1308.	1308.	1962.	2616.	3924.	3924.	5886.	9810.				
024 San Bernardino	001	I01	7898	654.	1308.	1962.	1962.	2616.	3270.	3924.	4578.	6540.	2360.	847.44	218.27	1.42
025 Salinas	001	I01	4380	1308.	1308.	1308.	1962.	1962.	1962.	2616.	3270.	8502.				
028 Chico	001	F01	2704	654.	1962.	1962.	1962.	1962.	3270.	3270.	3924.	5886.				
028 Sacramento	002	F01	8316	1308.	1962.	1962.	1962.	2616.	3270.	4578.	6540.	9810.	2362.	9.66	219.82	1.39
030 Burlingame	001	I01	8445	1308.	1308.	1962.	1962.	1962.	3270.	3270.	4578.	8502.	2081.	774.73	961.22	1.40
030 Oakland	004	F01	8567	1308.	1962.	1962.	1962.	2616.	3270.	3924.	5886.	8502.	2384.	835.27	280.17	1.32
030 Pittsburg	001	I01	8045	654.	1308.	1308.	1308.	1962.	2616.	3270.	4578.	7194.	1757.	639.39	668.64	1.36
030 Redwood City	001	I01	8602	654.	1308.	1962.	1962.	2616.	3270.	3924.	5232.	9810.	2257.	913.21	106.01	1.44
030 Richmond	001	I01	8485	1308.	1962.	1962.	1962.	2616.	3924.	4578.	6540.	9810.	2525.	63.03	365.61	1.41
030 San Jose	003	I01	3492	1308.	1962.	1962.	1962.	2616.	4578.	5232.	6540.	9156.				
030 San Rafael	001	I01	8348	654.	1308.	1308.	1962.	1962.	3270.	3924.	5232.	8502.	1989.	899.02	831.97	1.48
030 Santa Rosa	001	F01	8625	654.	1308.	1308.	1308.	1962.	1962.	2616.	3270.	5886.	1642.	487.57	582.44	1.30
031 Bakersfield	001	A01	8511	654.	1308.	1962.	2616.	3270.	4578.	5886.	7194.	9810.	2790.	405.15	499.51	1.58
031 Stockton	002	F01	8320	1308.	1308.	1308.	1962.	1962.	2616.	3270.	5232.	8502.	1981.	800.86	867.44	1.38
031 Visalia	001	F01	6636	65.	1962.	1962.	2616.	2616.	3270.	3924.	5232.	9810.				
COLORADO																
036 Denver	002	A10	7924	654.	1112.	1373.	1504.	1766.	2420.	2878.	4251.	10595.	1686.	662.02	596.63	1.36
DISTRICT OF COLUMBIA																
047 Washington	003	A10	7317	65.	589.	850.	1177.	1373.	1766.	2093.	3270.	7586.				
ILLINOIS																
067 Chicago	002	A10	7072	65.	458.	916.	1308.	1635.	2158.	2420.	3270.	4840.				
MISSOURI																
070 St Louis	002	A10	5751	719.	1177.	1439.	1570.	1700.	2027.	2289.	3008.	5297.				
NEW JERSEY																
043 Bayonne	003	F01	6647	65.	628.	883.	1046.	1308.	1962.	2551.	4774.	13126.				
043 Newark	002	F01	7868	458.	870.	1099.	1275.	1504.	2060.	2518.	3538.	13891.	1405.	597.58	314.91	1.42
045 Camden	003	F01	7582	65.	818.	1014.	1151.	1308.	1700.	2060.	3139.	5552.	1240.	458.76	173.81	1.39
OHIO																
079 Cincinnati	003	A10	2628	785.	1177.	1308.	1439.	1570.	1897.	2420.	3466.	4840.				
174 Akron	013	H01	2134	654.	3205.	3466.	3662.	3924.	4578.	4970.	5886.	7848.				
OREGON																
193 Portland	002	F01	8197	300.	700.	1000.	1000.	1600.	2300.	2600.	3600.	6200.	1303.	672.12	158.80	1.62
PENNSYLVANIA																
045 Philadelphia	002	A10	7674	654.	1112.	1243.	1373.	1635.	2158.	2485.	3401.	4840.	1529.	486.91	467.63	1.32

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TOTAL OXIDANTS, micrograms per cubic meter (25 C)
INSTRUMENTAL COLORIMETRIC NEUTRAL KI, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
CALIFORNIA																
024 Anaheim	001	I01	7285	10.	10.	10.	10.	59.	118.	176.	294.	706.	48.	62.20	25.18	3.04
024 Azusa	002	I01	8313	10.	10.	10.	39.	98.	274.	412.	627.	1137.				
024 Burbank	002	I01	8342	10.	10.	10.	39.	59.	196.	274.	431.	686.	68.	93.02	31.68	3.40
024 La Habra	001	I01	7697	10.	10.	10.	10.	39.	98.	157.	274.	725.	42.	57.21	22.39	2.86
024 Lennox	001	I01	8094	10.	10.	10.	10.	39.	98.	118.	196.	451.	38.	42.52	23.38	2.66
024 Long Beach	002	I01	8025	10.	10.	10.	10.	39.	59.	98.	137.	353.	28.	32.00	18.13	2.38
024 Los Angeles	001	I01	7865	10.	10.	10.	10.	59.	137.	196.	314.	647.	52.	69.06	25.98	3.11
	002	I01	8246	10.	10.	10.	39.	59.	137.	176.	255.	470.	53.	57.15	29.78	2.99
024 Los Angeles Co	001	I01	8097	10.	10.	10.	39.	78.	196.	274.	412.	725.	74.	91.75	36.25	3.41
024 Ojai	001	I01	2472	10.	10.	10.	39.	78.	176.	235.	314.	470.				
024 Pomona	001	I01	8266	10.	10.	10.	39.	78.	235.	333.	529.	941.	78.	113.10	33.91	3.56
024 Redlands	001	I01	7738	10.	10.	10.	10.	59.	235.	333.	510.	1019.	72.	113.05	28.21	3.70
024 Riverside	001	I01	716	10.	10.	10.	39.	39.	59.	78.	118.	157.				
024 San Bernardino	001	I01	7845	10.	10.	10.	10.	78.	255.	333.	529.	862.	79.	117.36	31.67	3.76
024 San Bernardino Co	002	I01	1291	10.	10.	10.	10.	10.	39.	59.	98.	196.				
024 Santa Ana	002	I01	8225	10.	10.	10.	10.	59.	98.	137.	216.	451.	42.	46.68	24.35	2.78
024 Ventura	001	I01	4699	10.	10.	39.	59.	78.	137.	157.	235.	431.				
025 Monterey Co	001	I01	7770	10.	10.	10.	39.	59.	78.	98.	157.	216.	41.	33.79	27.91	2.52
025 Salinas	001	I01	7485	10.	10.	10.	39.	59.	78.	98.	118.	216.	44.	29.97	31.72	2.41
025 Santa Cruz Co	001	I01	8338	10.	10.	10.	10.	39.	59.	78.	118.	176.	28.	26.04	19.36	2.32
028 Chico	001	F01	2331	10.	10.	10.	10.	39.	78.	118.	176.	196.				
028 Sacramento	002	F01	7690	10.	10.	10.	39.	59.	98.	137.	196.	333.	44.	44.06	27.03	2.71
028 Sacramento Co	001	I01	7857	10.	10.	10.	10.	59.	118.	157.	235.	470.	46.	53.92	25.53	2.91
029 San Diego Co	005	I01	7040	10.	10.	10.	39.	59.	78.	118.	176.	294.				
030 Vallejo	001	F01	2939	10.	10.	10.	39.	39.	78.	78.	118.	255.				
031 Bakersfield	001	A01	7888	10.	10.	10.	39.	59.	137.	157.	216.	294.				
031 Fresno	002	F01	2449	10.	10.	10.	39.	59.	176.	216.	294.	412.				
031 Stockton	002	F01	7240	10.	10.	10.	10.	59.	118.	157.	216.	353.	43.	47.83	24.61	2.81
031 Visalia	001	F01	6113	10.	10.	39.	59.	98.	176.	216.	274.	372.				
032 Santa Maria	001	F01	882	10.	10.	10.	10.	39.	59.	78.	118.	176.				
033 Barstow	001	I01	3572	10.	10.	10.	10.	59.	78.	137.	157.	196.	274.				
COLORADO																
036 Denver	002	A10	3421	10.	10.	10.	39.	59.	78.	98.	137.	353.				
DISTRICT OF COLUMBIA																
047 Washington	003	A10	4097	10.	10.	10.	39.	59.	98.	118.	176.	314.				
ILLINOIS																
067 Chicago	002	A10	4810	10.	10.	39.	39.	59.	98.	118.	137.	392.				
MISSOURI																
070 St Louis	002	A10	2472	10.	10.	10.	10.	39.	59.	59.	98.	157.				
OHIO																
079 Cincinnati	003	A10	165	10.	10.	10.	39.	59.	78.	78.	137.	157.				
174 Akron	013	H01	1498	10.	20.	29.	39.	49.	74.	88.	127.	178.				
OREGON																
193 Portland	002	F01	7949	10.	10.	10.	20.	20.	39.	59.	98.	294.	22.	21.36	17.19	1.91
PENNSYLVANIA																
045 Philadelphia	002	A10	2720	10.	10.	10.	10.	39.	59.	118.	176.	255.				

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TOTAL OXIDANTS, micrograms per cubic meter (25 C)
INSTRUMENTAL COULOMETRIC NEUTRAL KI, 1 hour

1970 Annual Report

Site location	Site No.	Ag/ proj.	No. obs.	Min. obs.	Percentiles							Max. obs.	Arithmetic		Geometric	
					10	30	50	70	90	95	99		Mean	Std. dev.	Mean	Std. dev.
CALIFORNIA																
030 Burlingame	001	101	8514	10.	10.	10.	10.	39.	59.	78.	157.	568.	30.	32.13	20.26	2.35
030 Livermore	001	101	8258	10.	10.	10.	10.	39.	137.	157.	274.	588.	52.	60.87	27.69	3.11
030 Oakland	004	F01	7576	10.	10.	10.	39.	39.	78.	78.	137.	431.	37.	31.87	26.46	2.38
030 Pittsburg	001	101	8685	10.	10.	10.	39.	59.	98.	137.	216.	470.	46.	45.51	28.15	2.76
030 Redwood City	001	101	8686	10.	10.	10.	10.	39.	78.	98.	137.	372.	32.	33.24	20.61	2.48
030 Richmond	001	101	8222	10.	10.	10.	39.	59.	98.	118.	157.	412.	43.	38.94	28.19	2.63
030 San Jose	003	101	3623	10.	10.	10.	39.	59.	78.	98.	176.	412.				
030 San Leandro	001	101	8437	10.	10.	10.	10.	39.	98.	118.	196.	510.	36.	43.03	20.82	2.67
030 San Rafael	001	101	8604	10.	10.	10.	10.	39.	78.	98.	157.	470.	35.	36.37	22.02	2.56
030 Santa Rosa	001	101	7913	10.	10.	10.	39.	39.	78.	78.	137.	255.	36.	28.05	25.16	2.38
OREGON																
193 Portland	002	F01	8268	10.	10.	10.	10.	10.	20.	29.	59.	186.	13.	11.32	11.60	1.54

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